

BEFORE THE COPYRIGHT ROYALTY TRIBUNAL WASHINGTON, D.C.

In the Matter of

1990 CABLE COPYRIGHT ROYALTY:

DOCKET NO. CRT 92-1-90CD

DISTRIBUTION PROCEEDING :

(This volume contains pages 422 through 641)

Washington, D.C.

Friday, September 10, 1993

The above-entitled matter convened, pursuant to adjournment, in the Offices of the Copyright Royalty Tribunal, in Room 921, 1825 Connecticut Avenue, N.W., Washington, D.C., at 10:00 a.m.

BEFORE:

CINDY DAUB Chairperson

BRUCE D. GOODMAN Commissioner

EDWARD J. DAMICH Commissioner

LINDA R. BOCCHI

General Counsel

NEAL R. GROSS

APPEARANCES:

PROGRAM SUPPLIERS:

On behalf of MPAA:

DENNIS LANE, ESQUIRE
JANE SAUNDERS, ESQUIRE
BRIAN HOLLAND, ESQUIRE
Morrison & Hecker
Suite 800
1150 18th Street, N.W.
Washington, D.C. 20036-3816
(202) 785-9100

Music Claimants:

On behalf of ASCAP:

I. FRED KOENIGSBERG, ESQUIRE White & Case 1155 Avenue of the Americas New York, New York 10036-2787 (212) 819-8200

BENNETT M. LINCOFF, ESQUIRE Senior Attorney ASCAP One Lincoln Plaza New York, New York 10023 (212) 621-6270

On behalf of BMI:

CHARLES T. DUNCAN, ESQUIRE
MICHAEL FABER, ESQUIRE
MARC A. LURIE, ESQUIRE
Reid & Priest
Market Square
701 Pennsylvania Avenue, N.W.
Washington, D.C. 20004
(202) 508-4081

On behalf of SESAC:

LAURIE HUGHES, ESQUIRE SESAC, Inc. 55 Music Square East Nashville, Tennessee 37203 (615) 320-0055NEAL R. GROSS

APPEARANCES: (Continued)

NATIONAL ASSOCIATION OF BROADCASTERS:

JOHN I. STEWART, JR., ESQUIRE KATHERINE WHITE, ESQUIRE Crowell & Moring 1001 Pennsylvania Avenue, N.W. Washington, D.C. 20004-2505 (202) 624-2500

JOINT SPORTS CLAIMANTS:

ROBERT A. GARRETT, ESQUIRE
JAMES S. PORTNOY, ESQUIRE
KITTY BEHAN, ESQUIRE
Arnold & Porter
1200 New Hampshire Avenue, N.W.
Washington, D.C. 20036
(202) 872-6700

PUBLIC BROADCASTING SERVICE:

TIMOTHY C. HESTER, ESQUIRE MICHELE J. WOODS, ESQUIRE Covington & Burling 1201 Pennsylvania Avenue, N.W. P.O. Box 7566 Washington, D.C. 20044 (202) 662-6000

DEVOTIONAL CLAIMANTS:

JOHN H. MIDLEN, JR., ESQUIRE Midlen & Guillot, Chartered 3238 Prospect Street, N.W. Washington, D.C. 20007-3214 (202) 333-1500

BARRY H. GOTTFRIED, ESQUIRE Fisher, Wayland, Cooper & Leader 1255 23rd Street, N.W., Suite 800 Washington, D.C. 20037 (202) 659-3494

RICHARD M. CAMPANELLI, ESQUIRE Gammon & Grange 8280 Greensboro Drive, 7th Floor McLean, Virginia 22102 (703) 761-5000 NEAL R. GROSS

CONTENTS

		EXA	MINATIO	<u> MC</u>
WITNESSES	DIR	CROSS	REDIR	RECROSS

Program Suppliers

Stanley M. Besen

Ву	Mr.	Lane	429		636	
Ву	Mr.	Garrett		463		
Вy	Mr.	Stewart		512		
Вy	Mr.	Hester		608		
Βv	Mr.	Gottfried		631		

EXHIBITS

FOR

IDENTIFICATION RECEIVED NUMBER Joint Sports 6-X (HH Vwg Hr Sty) 481 NAB 43-X (Printout dist sig crg data) 571 44-X (Printout chg data) 572 45-X (SOA 89-1) 582 46-X (SOA 89-2) 582 47-X (CDC Dist Prg x Sta) 601

PROCEEDINGS

CHAIRPERSON DAUB: Good morning. We are on

(10:10 a.m.)

the record.

Whereupon,

STANLEY M. BESEN

was called as a witness and, having first been duly sworn, was examined and testified as follows:

Mr. Garrett?

MR. GARRETT: Madam Chairman, yesterday, the Tribunal asked if we would bring Mr. Larson in this morning to testify concerning certain matters that were raised during my cross-examination of Mr. Lindstrom.

Yesterday evening, Mr. Lindstrom, Mr. Larson, Mr. Lane and I met and we were able to work out a stipulation of sorts here, which I would like to present for the record at this time, and then see how the Tribunal would like us to proceed.

What we have stipulated to -- and, Dennis, correct me if I am wrong in any regard here -- is that the data in Joint Sports Claimants Exhibit 5-X are derived from the same databanks as are the data in MEK-8, Program Suppliers MEK-8, and that is reflected in part by the fact that the bottom line numbers in

NEAL R. GROSS

JSC Exhibit 5-X and MED-8 are exactly the same.

The data provided Joint Sports Claimants by Nielsen do not correspond to the data reflected in Joint Sports Claimants Exhibit 5-X -- in other words, the data that Nielsen provided me do not correspond with the data that Mr. Larson had provided me -- and neither Mr. Larson nor Mr. Lindstrom were able to explain the differences during our meeting last night.

The both are endeavoring to try to come up with an explanation as to why the two data don't correspond, and will report back to Mr. Lane and myself, and we will then report back to the Tribunal, as to why the data I'm getting from Program Suppliers' two consultants don't jibe.

CHAIRPERSON DAUB: Mr. Garrett, the material that you're referring to from Nielsen, does the Tribunal have a copy?

MR. GARRETT: Madam Chairman, the data that I'm referring to from Nielsen are the same data that are reflected in Joint Sports Claimants Exhibits 2-X, 3-X and 4-X. Those are the data that we had asked Nielsen to provide on a program-by-program basis, the household data, all the material that we went over during cross-examination of Mr. Lindstrom yesterday.

CHAIRPERSON DAUB: It's Sports Exhibit 3-

NEAL R. GROSS

COURT REPORTERS AND TRANSCRIBERS 1323 RHODE ISLAND AVENUE, N.W. WASHINGTON, D.C. 20005

x:	?
----	---

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

١.	41.6
2	MR. LANE: The Nielsen was 3-X and the
3	Larson data was 5-X.
1	MR. GARRETT: Madam Chairman, it was the
5	portion of the cross-examination where we had data
- 1	

from Nielsen indicating that there was a movie --

MR. LANE: She has it.

MR. GARRETT: I'm sorry?

CHAIRPERSON DAUB: I do have it. 3-X is the Nielsen data you're referring to?

MR. GARRETT: Yes, ma'am.

CHAIRPERSON DAUB: And the Larson data is Sports 5-X.

MR. GARRETT: Yes, ma'am.

CHAIRPERSON DAUB: What you're saying is Sports 5-X and Sports 3-X do not correlate.

MR. GARRETT: The data that Nielsen provided in not only 3-X, but all of the other information that they provided me, did not correspond with the information that I got from Cable Data Corporation, and it's that discrepancy that the two MPAA consultants will attempt to work out.

CHAIRPERSON DAUB: Thank you, Mr. Garrett.

MR. LANE: Specifically, they are looking for the discrepancies that were in 3-X and 5-X.

NEAL R. GROSS

1	That's what we focused on because that's all that was
2	presented to the Tribunal.
3	CHAIRPERSON DAUB: Thank you.
4	MR. GARRETT: I did agree to provide Mr.
5	Lindstrom and Mr. Larson with a list of all of the
6	various discrepancies that we found not only in those
7	exhibits, but any other data that they provided, so
8	that they could come up with an explanation of why
9	that's the case, and I will do so.
10	COMMISSIONER DAMICH: Do we have a time
11	frame on when the report will come back?
12	MR. LANE: On the initial request, they
13	were both hopeful that they would get some sort of an
14	answer later on today. And then once Mr. Garrett and
15	I have that, we could determine how much more how to
16	go and give the information back to Mr. Larson and Mr.
L7	Lindstrom, and then get an idea of how much longer
18	that would take.
19	CHAIRPERSON DAUB: Thank you. Mr. Lane,
20	would you proceed with your witness?
21	DIRECT EXAMINATION
22	BY MR. LANE:
23	Q Would you please state your name for the
24	record?
25	A Stanley Besen.

1	Q Did you previously prepare a document
2	entitled Testimony of Stanley M. Besen Before the
3	Copyright Royalty Tribunal, dated August 16, 1993,
4	that has been previously exchanged in this proceeding?
5	A I did.
6	Q Do you have any corrections to that
7	testimony?
8	A There's one minor typo on page 14, the
9	first full paragraph, the fifth line down, "period in
10	which the change occurred, " should read "t1". That's
11	the only change that I know of at this point.
12	Q Did you also prepare or have prepared under
13	your direction or supervision, the two attachments to
14	that testimony?
15	A I did.
16	Q And do you have any corrections for those
17	attachments?
18	A No.
19	Q Would you briefly describe your current
20	employment for us?
21	A I'm a Vice President at Charles River
22	Associates, which is an economic and business
23	consulting firm located in Boston and Washington. I
24	work primarily in the area of telecommunications
25	policy.

	j
2	A For one year.
3	Q And prior to that, what position did you
4	hold?
5	A Well, for the immediately preceding
6	approximately dozen years, I was a senior economist at
7	the Rand Corporation in Washington, D.C.
8	Q Have you held any teaching posts?
9	A Yes. I have been an Acting Assistant
LO	Professor at the University of California at Santa
11	Barbara. I was a member of the faculty at Rice
L2	University for approximately 15 years, where I was an
L3	Assistant Professor, Associate Professor, Professor of
L4	Economics and, ultimately the Cline Professor of
L5	Economics and Finance. That was during the period
16	1965 to 1980. During my tenure at Rand, I took two
L7	leaves of absence to teach. During one year, I was
18	the Visiting Henley Professor of Law and Business at
۱9	Columbia University, where I taught in the law school
20	and business school at Columbia. And during one
21	academic year, I was Visiting Professor of Law and
22	Economics at the Georgetown University Law Center.
23	Q Have you held any positions in the
24	government?

How long have you been with Charles River?

NEAL R. GROSS

In 1971 and 1972, I was a Brookings

Yes.

25

Q

- 1	
1	Economic Policy Fellow at the Office of
2	Telecommunications Policy in the Executive Office of
3	the President, and between 1978 and 1980 I was co-
4	Director of the Network Inquiry Special Staff at the
5	Federal Communications Commission.
6	Q Have you authored any publications?
7	A I have.
8	Q What are the primary areas in which you
9	have authored publications?
10	A Primarily in the area of
11	telecommunications, economics and regulation of the
12	broadcasting and cable industries. I've also done
13	papers on the economics of intellectual property and,
14	more recently, work on economics of standardization,
15	particularly in the computer and telecommunications
16	industries.
17	Q And are your publications listed as part of
18	Attachment A to your testimony?
19	A That's correct. There's a brief recitation
20	of them in the statement itself, and then a longer
21	resume in the appendix.
22	MR. LANE: At this point, Madam Chairman,
23	I would offer Dr. Besen for voir dire?
24	CHAIRPERSON DAUB: Any voir dire?
25	MR. GARRETT: No questions, Madam Chairman. NEAL R. GROSS

1	CHAIRPERSON DAUB: Mr. Stewart?
2	MR. STEWART: No questions.
3	CHAIRPERSON DAUB: Mr. Hester?
4	MR. HESTER: No questions.
5	CHAIRPERSON DAUB: Mr. Gottfried?
6	MR. GOTTFRIED: No questions.
7	CHAIRPERSON DAUB: Thank you. Please
8	proceed.
9	MR. LANE: Thank you.
LO	BY MR. LANE:
l 1	Q Dr. Besen, what is the purpose of your
L2	testimony?
١3	A The purpose of the testimony is to present
L4	evidence of a study based on the actual behavior of
L5	cable television operators in the choicest of distant
.6	signals to carry that will permit the Tribunal to
ا 7	determine the appropriate shares to be awarded to the
18	various claimants in this proceeding.
١9	Q And how did you go about determining those
20	values?
21	A We conducted a study of the behavior of
22	cable operators during a period of time, linking their
23	choices of which distant signals to carry, or to add,
24	or delete, the programming on those signals, and the
5	amounts they naid in additional royalties when they

chose to add an additional signal.

Q In your view, is this a new study of operator behavior, in these proceedings?

A Yes. I've had occasion to recently reread the Tribunal's order in this proceeding, for the 1989 proceeding, and the Tribunal then asked at that point what new evidence there was at that point.

To my knowledge, this is the first study of actual cable operator behavior presented to the Tribunal over the period of time that I've been familiar with this activity. So, it's entirely new in that respect.

Q Would you briefly describe the conclusions of your study?

A The conclusion of the study, I think, can be fairly simply stated. Based on an analysis of the actual behavior of cable operators, we conclude that the appropriate share to award to the owners of Movies and Series programs is approximately 90 percent of the royalty pool. The amount that should be awarded to the Sports Program Claimants is approximately 9 percent of the royalty pool. The amount that should be awarded to Devotional Claimants is approximately 1 percent of the royalty pool. And we conclude that the appropriate share to award for Local programming is,

NEAL R. GROSS

1	in fact, zero.
2	Q Did you have any premises on which you
3	based your study?
4	A I did.
5	Q Could you briefly list those premises for
6	us?
7	A Briefly list them, and I've got them up
8	here so that I can remember them, and maybe it's a
9	little easier to follow along as we proceed.
10	The first premise of the analysis is that
11	if one is going to study or try to understand the
12	valuations that cable operators place on distant
13	signals on the various programs on the distant
14	signals they carry that one ought to base the
15	analysis on their actual behavior, not on statements
16	that they might make about those values. That is the
17	first premise.
18	The next set of premises basically talks
19	about, in fact, how or underlies how the analysis
20	was actually carried out. We make the standard
21	economic assumption that operators maximize their
22	profits.
23	The implication of that and this is
24	important for the analysis that we conducted and that
25	I'll report on here is that a cable operator will NEAL R. GROSS

add distant signals if there is value to the cable operator -- and I'll define value in more detail in a moment -- but if their value exceeds the additional royalties the operator has to pay. That's an implication of the assumption that operators attempt to maximize profits.

The third premise -- I should say, the fourth -- the fourth premise here basically says that what gives distant signals their value is the programs that they contain. Distant signals can be thought of, just as the Tribunal characterized them correctly in last year's Order, as a "bundle" that consists of a variety of components. The components are the programs. The programs, in fact, give the distant signals their value, and they are what make the operator willing to pay for them.

And the final premise is that, in fact, it is possible -- and this is a question the Tribunal specifically asked last year -- how do we go about disentangling the separate values of each of the components from the overall value of the distant signal, since the components are not exchanged separately?

The premise is that it's possible -- and it's more than a premise, we did this -- that, in NEAL R. GROSS

fact, one can determine from the actual royalty payments, the values of the respective components of the "bundle" that is a distant broadcast signal.

Q You may have addressed this separately, but I would like to go through each premise, and my question is going to be: Could you explain it's importance for your study and for the distribution proceeding? Do you want to proceed with the first premise?

A The first premise? Of course. I think it is a virtually standard belief among economists that if you want to understand the values that people place on things, that the best evidence for that is what they actually do -- that what people say frequently provides a misleading picture of, in fact, what they actually would do in particular circumstances, an so that, in fact, if one had evidence on what people do, one ought to value that much more highly than evidence about what people say they would do.

There are a variety of reasons for that. The most obvious, I suppose, is that when you actually do something, when you purchase something as in this particular case, you're actually spending real money. There is something behind your decision. It's more than an answer to a survey question but, in fact, is

something on which you, in fact, have to expend resources. You back up your claim, as it were, with your actual behavior.

Second, and related, frequently, when you answer a survey which asks what you might do or how you might value something, the amount of effort that one expends in determining what one's true preference is, what one's true values are, is not going to be nearly as great as in a situation in which you actually are going to expend resources.

A cable operator presumably thinks a lot more about whether to add a distant signal and the programs that it contains, when it's actually going to incur additional royalty payments when it makes that decision. Then, in fact, the kind of answer it might give in response to a brief survey in which presumably the amount of time spent in formulating the response and thinking about the values is more limited.

And, finally, it's often difficult when one formulates statements -- where one tries to obtain information from people by asking them what they might do -- it's often difficult to frame the question in a way that, in fact, is understandable to the respondent.

I know, in this particular proceeding, NEAL R. GROSS

Ш

there has been -- and I assume will continue to be -a controversy about precisely what the questions are,
what questions that the respondents in various
operator surveys -- what questions they really thought
they were answering in those. When one observes
actual behavior, that ambiguity disappears because, in
fact, you know exactly what they did, and so the
question of what behavior, in fact, you're analyzing,
what true values you're getting, is much more likely
to be obtained in a study in which you are looking at
behavior, not at statements.

So, a fundamental premise of this analysis is that the best evidence is behavior, not statements.

Q Could you address the second premise for us?

A The second one I think I could be a good deal briefer about. Operators maximize profits. As I said, conventional among economists -- I think it's shared by every economist who has provided testimony in this proceeding this year and last, it's common ground among Professor Wildman and Professor Salinger, and Dr. Crandall and myself. I list it here simply because it's a backdrop for the assumptions that follow.

Q Could you give us some idea of what the NEAL R. GROSS

24

importance of the third premise is?

A The third premise basically says -- is a direct implication of the assumption that operators maximize profits. An operator may wish to -- an operator, in considering adding a distant signal, realizes that to add that signal, in general, would pay additional royalty payments. That is, in some sense, the cost or the price of adding that signal.

To be worthwhile, to be profitable, to increase the profits of the firm, the value of that signal to the operator must exceed the additional royalty payments that the operator incurs.

I should say here -- this is developed at some length in the paper -- that this value comes from a variety of places. When you add a distant signal, you may obtain additional Basic subscribers. You may be able to raise the price that subscribers generally pay for a fixed number of subscribers, both of which will increase Basic subscriber revenues. But it's more complicated than that because when you add a distant signal, some people who you induced to become Basic subscribers may also be subscribers to Enhanced Basic service, and that's got to be reckoned in the value of the signal.

Some of them may take Premium services, Pay

NEAL R. GROSS

COURT REPORTERS AND TRANSCRIBERS 1323 RHODE ISLAND AVENUE, N.W. WASHINGTON, D.C. 20005

441 services, Pay-for-View. Some of them, when you have additional subscribers, they may permit you to increase the advertising sales not on additional distant signals, but on other signals, or on other services, or other programs carried by the operator. All of these are sources of additional value when an additional signal is added, and what a cable operator does, according to that third premise, is add distant signals when the value from each of those sources, the additional revenues

By the way, to be clear, the same thing is, of course, true in reverse. The same calculus exists if an operator is considering deleting a signal. operator will delete a signal if it saves more in royalty payments than in associated losses in

generated, exceeds the additional royalty payments

that the operator occurs when it adds that signal.

Q Could you describe the importance of the fourth premise?

fourth premise is that what gives distant signal value is the programs they contain. One can think -- and I think this is a useful metaphor -- a distant signal is a bundle. It's a bundle of programs of different types. Sometimes, in sort of

revenues.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

these

1 generic terms, economists refer to components as "attributes" of the particular product. 2 The attributes, or the components, of the 3 product are, in fact, the programs that it contains. 5 I should say, by analogy, one can think that the attributes of an automobile consist of things like its 6 horsepower, its wheelbase, its styling, its safety 7 8 features, and the rest. So, many of the products that individuals 9 10 consume, in fact, are themselves combinations of 11 components or attributes, and the particular product 12 or good that we call a distant signal has as its 13 attributes the programs that it contains. 14 And would you describe the importance of 15 your final premise? 16 Α Well, the final point is, I think, really 17 quite fundamental, and I'd like to take a minute or 18 two to sort of describe it at some length. 19 Even though these products, or 20 components, only are obtained in a bundle, it is 21 nonetheless possible to determine the value of the 22 components of the bundle. Even though we pay a single 23 price for something -- as in this case, a single 24 royalty payment to carry the additional signal -- in

fact, it is possible to determine the value of the

25

components.

Before, I alluded to the fact that an automobile is a collection of components. In fact, one of the earliest attempts to apply the technique that I'm describing here — and this was some years ago — was an attempt to determine the separate value of the components of an automobile by observing how the prices of those components were related — excuse me — how the prices of a bundle were related to the collection of components they contained. And by doing so, it was possible to determine the value of the wheelbase, or the horsepower, or whatever other feature we're talking about.

Here, the basic idea is that -- and it's put very simply -- distant signals that contain very valuable programs will fetch very high prices. Distant signals that have collections of programs that are not very highly valued will fetch relatively low prices. I'm willing to pay a lot extra in royalty payments to carry a distant signal that, in fact, contains components that themselves are highly valued. And, essentially, by comparing high-price bundles and low-price bundles, we are able, in fact, to determine the respective values of each of the components, and I'll describe that in more detail as we go on.

1	Q What data did you collect for your study?
2	A We began with a dataset that was obtained
3	from CDC which listed all Form 3 cable systems, I
4	believe now, if I'm correct, for the period 1987 first
5	reporting period through 1990 second reporting period.
6	You'll see 1988 up there, I'll come back to that in
7	just a second.
8	We had all of the Form 3 systems. There
9	are something like 1200 of them, and there are we
10	have reports on their carriage of distant signals for
11	all of those for each of the respective six-month
12	reporting periods.
13	Because we were concerned about the fact
14	that the year 1987 followed so closely on the heels of
15	cable rate deregulation, we eliminated the year 1987
16	from our analysis, and we never considered data for
17	the year 1987.
18	So, the analysis consists of the time
19	period or covered the time period of the first
20	period of 1988 to the second period of 1990, so that's
21	'88, '89, '90, six different reporting periods.
22	We focused on those cable systems that
23	either I'm sorry, let me go back one step. We
24	wanted to collect data on the changes on cable systems
25	that changed distant signal carriage between reporting

4 5

periods. So, the focus was on, of that collection of 1200 distant signals, all those incidents in which a cable system, or deleted, or exchanged one distant signal for another, between the reporting periods.

There are basically two reasons for that. One, we wanted to isolate the effect of the distant signal change from a variety of other possibly confounding factors and, by focusing on changes between periods, many of the factors that might otherwise confound an analysis could effectively be ignored. We needn't take them into account if, in fact, they are not changing between the reporting periods. And for many slowly changing variables, one achieves a dramatic improvement in the ability to isolate the effective interest by looking at changes.

So, we looked at cable systems that changed their distant signal complement between reporting periods. And when we started out, we were concerned that the effect that we were looking for here -- in a sense, the relative values of the different programs on the distant signals -- that that effect might be fairly subtle to isolate.

Therefore, we wanted to have situations in which the changes that we observed in the distant signal complement, particularly in the programming on

2

3 4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

the distant signals that were carried, we wanted those effects to be large.

And the way to identify large changes in the programming complement is to focus on situations in which the system adds a distant signal, or deletes a distant signal, or possibly where it exchanges one distant signal for another.

So, in order to identify instances in which the effect that we're seeking to isolate is likely to be relatively easy to detect, or give us a better chance of detecting it, we wanted to find situations in which the changes that we're looking for are large.

So, we looked at every instance between 1988 and 1990-2 -- 1988-1 and 1990-2 -- in which a cable system, one of these Form 3 systems, either added or deleted or swapped one distant signal for another, and that produced something like -- I'm not believe, certain now Ι something like incidents, 1200 of those changes occurred -- by the way, sometimes it involved a change of two distant signals, and we treated that as one incident -- there were some 1200 of those involving some 800 different cable systems. So, that was the first screen here, those were the observations.

As I indicated, the purpose of this was to NEAL R. GROSS

try to match the royalty payment changes associated with those distant signal changes, to relate those to the changes in programming. So, obviously, we needed programming data.

Unfortunately, the program sample, the data on the programming of all of the distant signals added or deleted, does not cover all of the stations that systems were adding or deleting. Nonetheless, we used every observation where we could match a change in distant signal carriage to available program data so that, in fact, we could relate the change in carriage and the associated change in royalty payments to a change in programming.

That reduced the sample -- and we used the Nielsen study provided to us by the Motion Picture Association for these data -- that resulted in 342 observations. Each observation is a situation in which a cable system either added or deleted or swapped either one or more distant signals. And that involved 278 unique cable systems.

And, finally, we got the royalty payments data from the same place we got the system signal change data, from the CDC. And, so, we had information period-by-period on the actual royalty payments made by each cable system in each of those

periods, and those were, in fact, the fundamental data in our analysis.

Q After you collected the data, what did you

A The short answer, I guess, is that we analyzed it. The statistical approach that we used is one that I've already alluded to, but let me sort of say a few words about it.

The basic, again, is to -- well, again, go back to the premise -- the premise is that distant signals for which people are willing to pay large prices, in fact, are likely to contain valuable programs and vice-versa for distant signals that contain programs of relatively low value. So, the idea is to match -- just as in my example of the automobile with its various components -- the idea was to relate, in this particular case, the change in the royalty payments, which is the variable I talked about before, and the change in the programming that the cable system had available on distant signals as a result of adding a particular distant signal.

It may be sort of clearer, I think, by talking specifically about an example, that's why we provided a sort of hypothetical observation. This is an example -- it's not a real observation, but it's a

hypothetical one, in order to illustrate what the underlying data look like.

So, for this particular observation, which is one of the incidents I described, one of the 342 incidents, the cable system had been paying royalties of 100 in the previous period. It's additional royalty payments were 40, so it incurred an increase in royalty payments of 40 percent. It's a 40 percent increase in its royalty payments between one period and the next.

In addition, of course, since we have the programming data, we can tell when that cable system added that signal and incurred a 40 percent increase in royalty payment, what happened in percentage terms to the programming in each of the categories that the Tribunal is going to be making allocations to. In this particular case, Movies and Series had been 400 hours and is now been increased by 40 hours, there's been a 10 percent increase in the amount of Movies and Series carried. Sports, which had 45 hours, now has 9 additional hours, so there's been a 20 percent increase in Sports hours. Devotional hours had been 20 hours and now there's an additional 3, so there's a 15 percent increase in Devotional program hours. And Local programming had 16 hours previously,

NEAL R. GROSS

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

2

3 4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

got 2 additional hours on the distant signal, that's a 12.5 percent increase in royalty payments.

collection of think of it as а observations in which there's a change in royalty payments for each of them, and a percentage change in each of the program hours in the various program categories for each of them, and the objective is to use this analysis -- and, again, I repeat the point -the assumption is that when cable systems add programs that cost them a lot, big increase in royalty payment, it must be because the underlying programs have substantially high value, and vice-versa for distant signals that are added. You might add a distant signal that has programs of relatively low value if, in fact, the associated percentage increase in royalty payments is small. And, so, that is, in fact, the set of observations that we analyzed.

One final point to make here with respect to the underlying analysis, thus far I've been describing the characteristics or the components of the distant signals as "hours". So, a distant signal consists of so many hours of Movies and Series, so many hours of Sports, so many hours of Devotional, so many hours of Local. In fact -- and I'll go into this in more detail later on, but I should say some words

NEAL R. GROSS

WASHINGTON, D.C. 20005

17

18

19

20

21

22

23

24

25

here about it now -- it turns out that if one weights those hours by the amount of viewing of the programs on those signals -- and the viewing hours come from the viewing of those signals in all cable households -- if one takes that viewing information and one weights the hours by viewing that, in fact, the statistical precision of the analysis increases -that is, in simple terms, the fit is better if the hour data on the distant signals is, in fact, weighted by a measure of viewing, whether this takes account of the quality of the programs, or some sort of analysis of the time period in which the program was carried, for whatever reason, one gets a significant reduction in the "unexplained variance" -- to use a technical term here -- of the change in royalty payments, when one weights the hours by viewing.

We, therefore, prefer the equation as our sort of basic, or benchmark, or baseline equation as the equation in which hours are weighted by viewing.

I should say one more thing parenthetically. The results of weighting by viewing is, in fact, to reduce the share of Movies and Series, and to raise the shares of other program claimants so as, later on, when we come to talk about the difference between the weighted and the unweighted

the

results, the conclusion that the weighted analysis fit 1 the data better is against the interests of the 2 Movies' and Sports' Claimants. They get a smaller 3 4 share in the weighted equation; nonetheless, 5 believe the weighted equation is, in fact, the one to 6 use. 7 0 What are those measures of value called in 8 statistical terms? 9 They are the underlying coefficients in the 10 equation that we estimated. You will see in the 11 respective weights appendix the here 12 coefficients in the equations that are reported in the 13 appendix. 14 0 Can you determine relative marketplace 15 value for each program category, from this approach? 16 Α Yes. 17 Q And how do you do that? 18 Well, a property of the way in which this 19 analysis was conducted is that the coefficient in the 20 equations that we estimated are, in 21 appropriate relative shares to assign to each of the 22 So, if our coefficient is .9 for component groups. 23 one particular program category, that says, with some 24 minor adjustments, that the marketplace data revealed, 25 based on the actual operator choices,

fact,

that that

1	particular program category would, in a functioning
2	marketplace, obtain 90 percent of the royalty payments
3	because it contributes 90 percent of the marketplace
4	value of those signals.
5	Q Did you determine what those shares are,
6	from your analysis?
7	A We did.
8	Q And what are they?
9	A Well, for the preferred equation, which is
10	the one I'm going to put up here this is just
11	repeating something I said at the outset for our
12	preferred equation and, actually, for many of the
13	other equations that we estimated for the preferred
14	equation, the appropriate share for Movies and Series
15	is 90 percent, for Sports it's 9 percent, for
16	Devotional it's 1 percent. We actually estimate a
17	negative share for Local program, so we put up a value
18	of zero there. So, the result is that for the
19	weighted regression, and for many of the others, the
20	result is that there's a 90 percent share for Movies
21	and Series, 9 for Sports, and 1 percent for
22	Devotional.
23	Q Did you test those results?
24	A We tested them well, we tested them in
25	a number of ways, but I suppose what you're getting at

NEAL R. GROSS

is: Did we try to determine whether these results were sensitive to the various assumptions that we made about the underlying equation.

Q He's just like a cable operator, he can interpret my questions to mean exactly what he wants.

(Laughter.)

A We carried out a fairly detailed analysis - in fact, a very detailed analysis -- the objective
of which was designed to see whether the results for
our preferred equation were sensitive to a variety of
possible changes in the underlying assumptions. These
are reported, actually, in some detail, starting, I
think, on page 27 of my statement.

Let me just sort of give the bottom line. The bottom line is basically that the results are virtually identical for a wide variety of other specifications -- which is one of the reasons we have great confidence in the underlying results -- all except for the equation in which we use the unweighted data -- which we don't prefer, obviously -- where in that equation the estimated share for Movies and Series is, in fact, essentially all of the royalty payments. But, in fact, it's not an equation that we're prepared to defend, we are just reporting and, in fact, the difference between that and the preferred

equation is, in fact, substantial. In none of the other cases is there a difference of any significance. We did several things, and let me just try to report them fairly briefly. We estimated the data for the period 1988-2 through 1990-2, five different changes, six different periods. One of the questions was: Is the equation stable across periods, and so we tested by including a binary variable into the equation as a way of testing for what is sometimes called a "time" effect, in each of the periods asking, in fact, whether the equation was different among the various periods we analyzed because, in effect, we treated them as if there was a single homogeneous period. The time effects were essentially not significant, indicating that there was, in fact, no amonq periods and, in difference coefficients changed virtually not at all when one included time effects. And is that shown on pages 27 and 28? Q Pages 27 and 28 report those results. you can see the shares are virtually identical, they are just like the .9 -- well, it's a little different

On page 28, we report another analysis.

NEAL R. GROSS

-- almost 1 percent, and 8 percent for Sports.

COURT REPORTERS AND TRANSCRIBERS 1323 RHODE ISLAND AVENUE, N.W. WASHINGTON, D.C. 20005

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

fact,

Here, we assumed the share summed to 1. In all the cases, by the way, we tested the proposition of the respective shares summed to 1 and, in fact, in a statistical sense, the sum of the shares never deviate significantly from 1 in any of the equations that we estimated. In fact, we ran an equation in which we assumed they summed to 1. In fact, those results are reported on pages 28 and the top of 29, as well as in the appendix. Again, you'll see the results are virtually identical to the ones in the basic equation.

A third piece of analysis reported on pages

A third piece of analysis reported on pages 29 and 30, at the top of 30, concerns a question of -this dealt with our concern that because reregulation might have been anticipated by some of these signals, there may have been some changes in royalty payments -- changes in -- or retiering, I should say. In response to anticipated reregulation, we deleted all of the observations -- I've forgotten the precise number -- we deleted all of the observations in which the Basic rate was lower at the end of the period than it was at the beginning of the period. Took them all out, re-estimated the equation -- you can see the share of Movies and Series goes to 89 percent, and the share of Sports goes up some to about 10 percent. Again, not a substantial difference.

NEAL R. GROSS

COURT REPORTERS AND TRANSCRIBERS 1323 RHODE ISLAND AVENUE, N.W. WASHINGTON, D.C. 20005

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

1.3

On page 30, we briefly report the results of the fact that -- in constructing the initial dataset, there were a number of signals -- or a number of reports from cable systems, to be more precise -- in which a signal was sometimes classified as local and sometimes classified as distant. The system didn't change its location and the distant station didn't change its location either.

We used a rule of thumb that if a signal was ever classified as distant, we classified as distant -- that is, in the basic analysis -- we classified as distant everywhere, in each period.

In this particular analysis, the analysis reported on page 30, we deleted all the observations that represented the dropping or adding or swapping of a reclassified signal, just to see whether, in fact, the reclassification made any difference. By the way, we independently verified that these, in fact, were distant signals but, nonetheless, out of an abundance of caution, we deleted them in a piece of analysis where we took those observations out. And, in fact, you can see there's no change in the results. I guess Movies and Series gets a slightly higher share here.

And, finally, on pages 30 and 31 -- the discussion is on 30 and 31, the results are in the

appendix -- we ran our regression in which -- or we estimate an equation in which we used unweighted hours. There, the result is the one I indicated before, basically all -- the only claimant that gets a positive share in that is Movies and Series. And, again, I'm not here to defend that particular equation, I just want to report that, in fact, the results are sensitive to the weighting. If you weight by viewing you, in fact, get a better fit for the equation and higher shares for Sports and Devotional Claimants.

- Q Are there other changes that could have affected your results?
 - A Yes.
 - Q Did you test for those other changes?
- A Yes, we did. The one effect that we were most concerned about was that there might have been simultaneous changes in other program services carried by cable systems, that is, services other than distant signals -- the addition of ESPN or USA might have affected the estimated value of the programs on the distant signals.

And, so, we conducted an analysis trying to determine whether, in fact, the changes that we had observed were, in fact, in a systematic way,

NEAL R. GROSS

WASHINGTON, D.C. 20005

3

_

5 6

7

8

9 10

11

12

13

14 15

16

17

18

19

2021

22

23

24

25

correlated with changes in the programming -- of nondistant signal programming on the cable systems we analyzed.

Q What findings did you --

A We concluded that, in fact, the correlations were non-existent and, therefore, it's highly unlikely that simultaneous changes in other programs might have affected our results.

Q Did you test to determine whether the sample was representative?

Yes. As a final bit of analysis -- this is Α reported, I quess, now in the appendix, the very last page, Table 4 -- we simply wanted to determine whether or not -- and this is whether there was something particularly unusual about the cable systems' whose behavior we were analyzing. You can see there are some differences, but the differences are not very large. Even if there are differences, this does not necessarily mean that the results are in any way affected. The same underlying behavior might well be present for the included and the excluded observations but, nonetheless, you can see that the differences, while they exist, are not especially large. There's nothing especially peculiar about the 342 observations that, in fact, we analyzed.

_	what conclusions would you ask the illibunal
2	to draw, for distribution purposes, from your
3	analysis?
4	A If the Tribunal is going to rely on
5	operation valuations as a basis as one of the bases
6	for distribution, that it ought to rely on a study
7	of actual operator behavior, which we've conducted
8	here, and that our analysis, which involved, I think,
9	a very careful statistical work, particularly
LO	concerned about the sensitivity of the results to
L1	various alternative ways in which we might have gone
L2	about the analysis and, in fact, the Tribunal ought to
L3	conclude that, on the basis of actual operator
L4	behavior, 90 percent of the royalties ought to be
L5	distributed to the Movies and Series Claimants, 9
۱6	percent to Sports Claimants, and 1 percent to
L7	Devotional Claimants.
18	MR. LANE: Those are all the questions that
۱9	I have on direct, Madam Chairman.
20	CHAIRPERSON DAUB: Thank you, Mr. Lane.
21	Before we go into cross, do the
22	Commissioners have any questions?
23	COMMISSIONER GOODMAN: I have an enormous
24	number of questions, but I tend to think that those
25	will all be answered on cross-examination.

1	CHAIRPERSON DAUB: Just in case they forget
2	or miss out, I'd like to ask you, did you personally
3	conduct this study?
4	THE WITNESS: Personally yes. Not by
5	myself but, yes, I was personally involved throughout.
6	CHAIRPERSON DAUB: You had a number of
7	staff?
8	THE WITNESS: Yes.
9	CHAIRPERSON DAUB: During what period?
10	THE WITNESS: I believe probably it would
11	be fair to say the work would have started perhaps
12	last December.
13	CHAIRPERSON DAUB: Last December?
14	THE WITNESS: Yes. There were certainly
15	preliminary discussions prior to that, but I think we
16	began to get the first data from CDC, my best
17	recollection is, about the first of the year, or
18	December.
19	CHAIRPERSON DAUB: Did you make any
20	personal contact to any of the cable operators?
21	THE WITNESS: I did not.
22	CHAIRPERSON DAUB: Did any of your staff?
23	THE WITNESS: No, I don't believe so.
24	CHAIRPERSON DAUB: One other thing, in the
25	program categorization, did you have the Tribunal's
	NEAL R. GROSS

categorization in mind? 1 2 THE WITNESS: My understanding is that the data in the Nielsen -- the Nielsen data that we were 3 supplied, my understanding is that, in fact, those are assigned in precisely the way that the Tribunal does 5 its distribution which, in fact, I think is an 6 7 important point I should have mentioned before. I know there was some concern in the Bortz 8 study as to whether or not the operators had in mind 9 10 precisely the same program categories as did the 11 Tribunal. I believe we are safe on that score because 12 the programs, in fact, are in the categories, my 13 understanding is, that the Tribunal, in fact, uses for 14 distribution, which I think is actually another benefit of our study which I'm glad you asked about. 15 CHAIRPERSON DAUB: "Local" means local news 16 17 programs produced by the station? 18 THE WITNESS: My understanding is shown 19 only on a single station, correct. 20 CHAIRPERSON DAUB: Thank you, Dr. Besen. 21 Mr. Garrett, would you like to go ahead 22 with your cross? Thank you, Madam Chairman. 23 MR. GARRETT: 24 Dr. Besen, I'm Bob Garrett, and I represent 25 the Joint Sports Claimants. Good morning.

It's nice to see you again. 1 THE WITNESS: **GARRETT:** Thank you, all things 2 MR. 3 considered --(Laughter.) 4 5 CROSS-EXAMINATION BY MR. GARRETT: 6 7 0 Let me make certain I understand this, Dr. 8 Besen. Your study shows that the relative marketplace 9 share for Local programming is zero percent? 10 that, in Α Actually it says fact, estimated the coefficients are negative. 11 12 Q Negative. Does that mean that the NAB owes 13 us money? 14 Α I doubt that you can get it from them. 15 Shall I tell you what it says? I'll be happy to tell 16 you what it says. 17 Sure. 18 Α It says that given the actual amounts of 19 programming that were shown in this time period of 20 analysis, if you ask the question: What would it take to get cable operators to pay for the amount that they 21 22 actually had available to them if, in fact, that 23 competition among local program owners to sell if that competition would not 24 programs to them, 25 produce a positive price.

1	Q They would get zero?
2	A They would get zero.
3	Q Now
4	A Let me just say one more thing. That says
5	that the marginal value of those programs is negative.
6	Q So, if the information before the Tribunal
7	would consist solely of your study, my friends from
8	NAB would get nothing in this proceeding?
9	A That is correct.
10	MR. STEWART: I wish you'd quit repeating
11	that, Bob.
12	(Laughter.)
13	MR. GARRETT: You mean the part about being
14	friends, John?
15	(Laughter.)
16	BY MR. GARRETT:
17	Q Dr. Besen, if I turn to Table 3 here, the
18	penultimate page of your testimony, you set forth the
19	relative shares there, under each of the different
20	regressions that you've done, is that correct?
21	A That is correct.
22	Q And the one under Preferred, that means
23	that that's the one that you prefer in this
24	proceeding, is that correct?
25	A Yes, basically because it seems to us that NEAL R. GROSS

1	it uses the most data and that, in fact, when one
2	tries the other variations, the results don't change
3	very much.
4	Q And that's the one that takes account of
5	viewing hours, correct?
6	A No, they all take account of viewing hours
7	except the unweighted equation.
8	Q The unweighted is simply the amount of time
9	that the programming is broadcast, is that correct?
10	A That is correct.
11	Q Now, under the Preferred analysis, I see
12	that there's a little "asterisk" after Movies and
13	Series, do you see that?
14	A Correct.
15	Q And there's another little "asterisk" after
16	Devotional?
17	A Correct.
18	Q But there isn't a little "asterisk" after
19	Sports, correct?
20	A That's correct.
21	Q Now, does that indicate that the number
22	that you have for Sports is not statistically
23	significant?
24	A That's what it says, yes.
25	Q And does that suggest then that you cannot

1	reject the proposition that the value for Sports could
2	be zero?
3	A That is correct.
4	Q So that we might not be much better off
5	than my friends from NAB?
6	A No, that's not correct. That's not
7	correct.
8	Q We are better off than our friends from
9	NAB?
LO	A Yes, I think you are better off.
۱1	Q Well, certainly, you've given us 9 percent.
12	A Well, I think there's a reason for doing
L3	that. The best point estimate here is, in fact, the
L4	estimate and, in fact, we've used that.
L5	Q But from a statistical standpoint, you
۱6	cannot reject the proposition that our share would
L7	also be zero?
18	A That is correct.
ا 19	Q Now, would that indicate then that the
20	amount of viewing attributable to Sports programming
21	may have no impact one way or the other on what you're
22	trying to measure here?
23	A I don't think I understand the question.
24	Q Well, what does it mean to say that you
25	can't reject the proposition that our share may be NEAL R. GROSS

2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |

12

13

14

15

16

17

18

19

20

21

22

23

24

25

zero?

A Every coefficient here is estimated with some error, if you like, and as an estimate of the precision with which that coefficient is estimated. So, there is, in fact, a range of possibilities. The estimated value is essentially the midpoint of it, and there's some distribution about it. The fact that zero is contained -- we can't reject the hypothesis that zero means that -- again, I hate to use technical terms here -- but plus-o-minus 2 standard deviations around the coefficient contain the value zero.

Q Can you reject the proposition that the amount of viewing hours to Sports has no relationship to what you're trying to measure here?

A I don't think I know what that proposition means. I can tell you the following: I can tell you that when we take into account Sports viewing hours, Sports does a lot better than it does if we don't take into account Sports viewing hours.

By the way, the comparison there is between the unweighted and the Preferred equation. If we hadn't taken into account viewing hours, we would have gotten literally a zero or, in this case, a negative value for Sports. You do better by weighting by viewing. We didn't do that because we wanted to make

1	
1	you better, we did it because it improved the
2	statistical precision of the analysis. And that's why
3	we prefer it.
4	Q Thank you. How much did it improve it by?
5	A What?
6	Q How much did it improve it by?
7	A Significantly.
8	Q When you take a look at the amount of
9	viewing that goes to Sports, we do a lot better than
10	when you look at just simply the amount of time that
11	we're broadcasting?
12	A That's correct.
13	Q I see. Under the unweighted where you
14	simply look at the amount of time of broadcast, that's
15	the one that gets MPAA 100 percent?
16	A Movies and Series Claimants get 100
17	percent.
18	Q So, you can do a regression analysis here
19	that would result in MPAA coming away with the entire
20	royalty fund, is that right?
21	A You could, but we're not recommending that
22	one.
23	Q Well, you say it's not your preferred one.
24	A Correct.
25	Q Well, it might be MPAA's preferred one, I

1	suppose.
2	A You'd have to speak to them.
3	Q Now, as I also understand it, your study
4	does not provide us any information about Public
5	Television programming?
6	A That is correct.
7	Q Was it not possible to provide us any
8	information about Public Television programming?
9	A During at least one of the time periods,
10	there was no Public Television program data. So, if
11	you recall, we did the matching of the observations
12	with the program data and since for at least one of
13	the time periods there's missing data on Public
14	Television, it was not possible to do the analysis.
15	I should have said this at the outset.
16	The shares that I'm talking about are the
17	shares independent of whatever shares the Tribunal
18	chooses to assign to Public Television, or any other
19	claimant not listed here. So, this is the respective
20	shares of the four claimant categories.
21	Q The reason you didn't do it for Public
22	Television is you didn't have the viewing data for
23	certain periods, is that right?
24	A I believe there were not even any hourly
25	data.

1	Q Had you had hourly data or viewing data,
2	could you then have done a regression analysis
3	including PBS?
4	A Absolutely.
5	Q Would that have changed the results?
6	A I think not substantially, no.
7	Q Are you certain of that?
8	A Yes, I'm reasonably certain of it.
9	Q You also have combined here Movies and
10	Syndicated Series, is that correct?
11	A That is correct.
12	Q Did you do any regression analysis that
13	separated Movies and Series out?
14	A No, we did not.
15	Q That was your conclusion, to include Movies
16	and Series together?
17	A Yes. If you recall my testimony last year,
18	I argued that as the appropriate way to do that.
19	Q Now, Dr. Besen, as I understand, this marks
20	your sixth appearance before the Copyright Royalty
21	Tribunal, is that right?
22	A I don't know you're counting, I'm not.
23	Q I count for all of our witnesses. You
24	testified in the 1979 proceeding, did you not?
25	A Your information about this is far better

1	than mine. The number seems to be about right.
2	Q Do you recall testifying concerning a
3	regression analysis that had been presented by Dr.
4	Landis of Lexicon?
5	A I do, indeed.
6	Q And that was in the 1979 proceeding.
7	A If you tell me that.
8	Q And you also testified in the '83 and the
9	'89 proceedings, is that not correct?
LO	A If you say so.
۱1	Q You testified in both of those proceedings
12	on behalf of the MPAA, to criticize a certain study
13	presented by Mr. Bortz, is that not correct?
L4	A I'm appeared at least a couple of times
L5	doing that, that's correct.
L6	Q And you've repeated some of those
L7	criticisms here in your testimony again this morning,
18	correct?
L9	A Correct.
20	Q And you've also appeared on behalf of MPAA
21	in the 1989 proceeding to criticize certair
22	information presented by Dr. Reid, another Joint
23	Sports Claimants witness, is that not correct?
24	A I believe that's correct.

And likewise you had appeared on behalf of

Q

25

1	the MPAA in the two rate adjustment proceedings before
2	the Copyright Royalty Tribunal, is that not correct?
3	A I remember at least one, it's possible it's
4	two.
5	Q One dealt with the imposition of the Syndex
6	and 3.75 Funds, correct?
7	A I can remember that.
8	Q And you testified there on behalf of the
9	MPAA, correct?
10	A That's correct.
11	Q And you also testified on behalf of the
12	MPAA in the follow-up proceeding where the Syndicated
13	Exclusivity rule, or the Syndex surcharge, had been
14	abolished, correct?
15	A It's possible, I don't recall.
16	Q Well, you recall testifying that the
17	Tribunal should keep the Syndex surcharge
18	notwithstanding the fact that the Syndicated
19	Exclusivity rules had been deleted?
20	A I believe I did. I don't remember that
21	testimony at all clearly.
22	Q In the 1979 proceeding where you came in in
23	rebuttal on the do you recall the regression
24	analysis

I do actually remember that.

Α

25

1	Q Did you review your testimony in that
2	proceeding?
3	A For this?
4	Q Yes, sir.
5	A No.
6	Q Did you review the testimony you provided
7	in that proceeding prior to preparing this study for
8	the MPAA?
9	A I did not.
10	Q Do you recall the criticisms that you made
11	of the econometric study, the regression analysis done
12	by Professor Landis of the University of Chicago?
13	A I believe I can remember two major ones,
14	yes.
15	Q What are those two major ones?
16	A The two major ones were, one, Landis
17	claimed that Sports programs were three times as
18	valuable I'm not sure of the precise number, some
19	multiple of the value of Movies and Series programs,
20	because of the greater propensity to carry programs
21	carry distant signals that contained lots of Sports.
22	And the other criticism was the
23	criticism of that was that, in fact, the respective
24	propensities to carry did not have any values attached
25	to them. There were no dollar signs in the analysis.

1	And, so, the greater frequency of carriage did not
2	translate readily into in fact, it didn't translate
3	at all into a dollar figure.
4	The other criticism was that the results
5	seemed to be dominated by three observations, and
6	that, in fact, the purported relationship did not
7	really work if one excluded those and looked at all
8	the remaining ones, and one should have if, in
9	fact, the relationship was the one that Landis
10	claimed, it should have held throughout the analysis -
11	- throughout the entire dataset and, in fact, there
12	was no relationship at all of the sort that he had
13	claimed for the remaining observations.
14	Q Do you recall any of the other criticisms
15	that you made?
16	A I can't.
17	Q Do you know whether or not any of those
18	other criticisms would be applicable to your
19	regression analysis?
20	A Since I can't remember them, I can't answer
21	the question.
22	Q That's fair.
23	COMMISSIONER GOODMAN: May I ask a quick
24	question, and that is, could you expand for a second
25	on the concept of regression analysis? NEAL R. GROSS

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

THE WITNESS: Yes. I guess the simplest way to think about it is -- it's hard to think about it in a situation where we have more than one explanatory variable, so it's better to think of it as we're trying to relate some variable to another, to find out what the statistical relationship is between them.

What's a good example -- suppose you are trying to relate crop yield to rainfall. You would collect data on crop yield in various years perhaps, and rainfall in those years. You'd plot them. plot the crop yield on the vertical and the rainfall on the horizontal. You'd get a bunch of points, maybe a scatter, and you'd try to fit a line to those points that best fits the data. The jargon here is least If you want a line that has -- where the square. deviations in the line when they are square and summed over all the observations provides the smallest number. You want that line that fits the data best. The usual criterion, the most universal criterion, is In fact, you're looking for a line least squares. that fits the data best.

And when you have the line -- to go back to my example -- you can say to yourself: well, if annual rainfall went up by 1 inch, what was the

COURT REPORTERS AND TRANSCRIBERS 1323 RHODE ISLAND AVENUE, N.W. WASHINGTON, D.C. 20005

increase in crop yield? And that would be the 1 regression coefficient equivalent to the coefficients 2 3 I've got here. COMMISSIONER GOODMAN: Now, in your study, 4 5 of course, there are more than two variables, or it could be an infinite number, I suppose, and you reduce 6 that to a finite number. 7 8 THE WITNESS: No, there are only -- by and 9 large, in the sort of simplest version of this, there 10 are only, I guess, four right-hand side variables, 11 which are the percentage changes in each of the four 12 program categories. So, there are just four of them. 13 And that's all we used. 14 Now, instead of a two-dimensional picture, 15 if you could imagine a five-dimensional picture, which 16 I can't, now imagine creating the best surface, five-17 dimensional surface to this --18 COMMISSIONER GOODMAN: I'm not sure I do 19 understand. What are the elements again, in your 20 regression analysis? 21 THE WITNESS: This is an example of, if you 22 like, a hypothetical or a typical observation. 23 equivalent -- the previous example I gave you was crop yield and rainfall. The equivalent of crop yield here 24 25 is change in royalty payment. That's the variable to

l

1 2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

be explained. That's the one on the vertical axis.

There unfortunately, lots of are, horizontal axes, or at least four, because there are four different variables, but the explanatory variable, the equivalent of the rainfall here are the change in Movies and Series, the change in Sports, the change in Devotional, and the change in Local programming, in percentage terms.

And exactly the same as in my crop yield-rainfall example, I'm looking for the curve, or the surface that best fits the data by standard statistical criterion. And the result of that are coefficients which tell you the respective shares preferably assignable to each of those categories.

before, the example of the automobile and its total cost and the components. It's exactly the same thing. People ran regressions in which the left-hand side, instead of being royalties or crop yield, was the price of an automobile. And what were the explanatory variables? -- like my variables here -- wheelbase, horsepower, whatever other characteristics I used. And this is a widely used technique for trying to determine the respective value of the components of bundles. People do this a lot for computers, for

example, trying to determine how much processing speed 1 is important with respect to other characteristics of 2 a computer. A rather substantial amount of work takes 3 But the regression is place in that area as well. 4 5 simply a statistical technique for, in fact, fitting a curve to data. 6 7 COMMISSIONER GOODMAN: And your regression 8 analysis that we're concerned with would 9 royalties on the left side, and then over on the right 10 side would have Movies/Series, Sports, Devotional, 11 Local? 12 THE WITNESS: Correct, except that they are in percentage terms, but that's exactly right. 13 14 we're talking about the best fit to those data using observations from the cable systems' actual choices. 15 16 It's just like the question of buying a 17 observed people actually buying them, 18 actually buying the distant signals, which consist of 19 components, and now we want to figure out what the 20 components are worth. 21 COMMISSIONER GOODMAN: On the car one, you 22 would have on the left the price of the car and on the 23 right would be styling and drive train? 24 THE WITNESS: I think the they 25 actually used were like -- the early ones NEAL R. GROSS

1 horsepower and wheelbase. People have done this for agricultural products, a whole variety of different --2 COMMISSIONER GOODMAN: 3 Conceptually, it seems mind-boggling to me that you can attribute the value of a car with wheelbase. 5 THE WITNESS: Well, that may not be a good 6 measure, but only statistical analysis can tell. 7 These equations fit the data reasonably well. 8 9 turns out these coefficients are significant. The 10 answer is, we can explain the royalty payments by 11 changes in Movies and Series program hours, 12 Devotional hours, or Sports hours. We can do so. 13 BY MR. GARRETT: 14 Q Or try to attribute the value -- or what portion of the value -- strike that. 15 16 Did you ever try to attribute the portion 17 of value of a car to whether or not it has an engine? 18 Α Did I ever do that? 19 Q Yes. 20 No, I never did that. Α 21 Did any of your studies ever do that? never did a study of that. 22 I'm 23 describing work that's rather widely known and well 24 respected in the economic profession, in which people 25 do exactly what I just described.

1	Q Now, going back to Dr. Landis' testimony
2	and it seems just like yesterday
3	A You've been in this room too long.
4	Q They don't let me leave.
5	Do you recall the results that Dr. Landis
6	came up with in his regression analysis?
7	A The only one I can remember is the one I
8	reported to you earlier.
9	Q Do you recall what his conclusion was as to
10	the relative marketplace shares?
11	A The only thing I can remember is somehow
12	that something was three times as he may have said
13	"valuable", but I'm not certain.
14	Q Do you recall that Dr. Landis had run his
15	regression analysis once with the category of Movies
16	and Syndicated programming combined and once where he
17	did it separately?
18	A I don't remember that.
19	Q Do you recall that he got different results
20	when he did it that way?
21	A I don't remember.
22	Q Do you recall that, in fact, he found that
23	the results for Syndicated programming were not
24	statistically significant in that case?
25	A I don't remember.

1	Q You do remember your criticisms of the
2	study, though?
3	A The ones I remember, I remember quite
4	clearly, yes.
5	Q Well, I do, too.
6	Let me have marked as Sports Exhibit 6-X,
7	the document which I'm handing the Court Reporter.
8	Madam Chairman, I have marked yours specially Sports
9	Exhibit 6-X, since you were the only one who
10	complained about my not marking them.
11	(Laughter.)
12	(Whereupon, the document
13	was marked for
14	identification as JSC
15	Exh. No. 6-X)
16	Madam Chairman, I had conferred with Mr.
17	Lane earlier and indicated that I'd be introducing
18	this exhibit here. Dennis, you can correct me if I'm
19	wrong but this represents the viewing hours data
20	upon which Dr. Besen relied in doing his different
21	regression analyses. Is that a fair statement,
22	Dennis?
23	MR. LANE: It represents both the time and
24	viewing data, I believe.
25	BY MR. GARRETT:

1	Q Dr. Besen, can you identify this document
2	here?
3	A No, I can't. I believe this must have been
4	a file we supplied to you on a diskette, but I haven't
5	seen this particular format.
6	Q And your understanding is correct. And,
7	Dennis, you correct me if I'm wrong but as I
8	understand it, the numbers at the top well, let's
9	go back.
10	There is a column called Station there, do
11	you see that?
12	MR. LANE: Me? Yes, I do see that.
13	MR. GARRETT: Dennis, could you just sit
14	over there?
15	(Laughter.)
16	MR. GARRETT: I'll try to make this
17	simpler. My understanding is that all the data up on
18	the top of each page references the number of hours,
19	the broadcast hours of the different program
20	categories on the various stations identified, and
21	that the numbers on the bottom represent the amount of
22	viewing hours.
23	MR. LANE: Where there is a "V", that means
24	viewing. If you see a "V" in front of Movies, that's
25	viewing hours associated with Movies. If you don't

1	see a "V" in front of the category name, it's the
2	hours.
3	MR. GARRETT: And I believe you will find
4	at the top of each page it's just simply hours, and at
5	the bottom of each page you've got your little "V"
6	there for viewing hours.
7	BY MR. GARRETT:
8	Q Now, Dr. Besen, as I understand it, you
9	relied upon six-cycle viewing data, is that correct?
10	A I believe, if I got the terminology
11	correct, there were some observations that did not
L2	have six months of data, in which cases we inflated
13	the six months of data to make everything comparable.
L4	Q Now, as I understand it, for some of the
15	observations you had six-cycle data supplied to you by
16	MPAA, correct?
L7	A That's correct.
18	Q And in some instances, you had data for
۱9	five cycles supplied to you by MPAA, correct?
20	A I believe that's correct.
21	Q And in those cases, you grossed them up so
22	that they became six-cycle data, correct?
23	A Yes, because we're were using the
24	percentage changes, and it wouldn't have made much
25	sense to compare percentage changes where we were

1	
1	comparing different numbers a month between periods.
2	Q And in some instances, you only had data
3	for four cycles, correct?
4	A That's correct.
5	Q And you again grossed those up to make them
6	six-cycle data as well, correct?
7	A That is correct.
8	Q and all of the data that you have here
9	were, in fact, taken from the viewing studies that had
10	been conducted by Nielsen for MPAA, correct?
11	A Yes, except that in some cases we corrected
12	some obvious sort of mathematical errors where
13	components didn't add to totals, we went back to MPAA
14	and verified the numbers.
15	Q Would any of those corrections affect their
16	1990 numbers that they put in? by chance I'm
17	just fishing here.
18	A I have no idea.
19	Q The data for 1988 has never been presented
20	to the Tribunal in a Phase I proceeding, is that your
21	understanding?
22	A I don't know.
23	. Q And the six-cycle data that you have here
24	for 1990 has also never been presented to the
25	Tribunal, has it?
ľ	NEAL D. CDOSS

1	A I don't know.
2	Q You are aware, are you not, that the
3	Tribunal, in the 1989 proceeding, had been presented
4	with six-cycle data?
5	A I'm not aware of that.
6	Q Were you aware that the Tribunal, in its
7	Final Determination for the 1989 case, felt that the
8	two additional cycles here, the fifth and sixth
9	cycles, were unusable for Tribunal purposes, and the
10	agency limited its decisionmaking process to four-
11	cycle data?
12	A I did not know that.
13	Q Do you know why it is that the Tribunal
14	found that the six-cycle data were unusable for its
15	purposes?
16	A Nope.
17	Q That's not something that you had
18	considered when you were preparing this study for
19	MPAA?
20	A That is correct.
21	Q Does it make any difference to the results
22	of your study, whether the viewing data that you
23	relied upon here are accurate?
24	A It would depend on the nature of the
25	inaccuracy.

1	Q Some inaccuracies might affect the results
2	and some might not?
3	A Well, the point is that there are two
4	different issues here. One is the question of whether
5	the estimates are affected, the actual estimates, and
6	the second is whether the precision of those estimates
7	is affected.
8	Certain kinds of errors, for example, if
9	they are errors that are offsetting, would have the
10	result of making the estimates, in some sense, less
11	precise, but would not, in fact, bias them in any
12	particular way.
13	Q As of the time that you had formulated and
14	conducted this study, you had not considered whether
15	the problems that the Tribunal found would be six-
16	cycle data in the '89 proceeding would, in fact,
17	change the results of your
18	A That is correct.
19	Q Let me ask you this, Dr. Besen. Are you
20	familiar with the term of "Syndex-proof superstation"?
21	A I guess so, yes.
22	Q What is your understanding of a Syndex-
23	proof superstation?
24	A It's a station that carries programs that
25	local cable systems are not obliged to black out.

1	Q Do you know which stations are, in fact,
2	Syndex-proof?
3	A I don't know, no.
4	Q Were you aware that stations WGN in Chicago
5	and WWOR in New York are Syndex-proof superstations?
6	A They may be.
7	Q And do you know how those stations become
8	Syndex-proof superstations?
9	A I assume they acquire rights from copyright
10	owners for that purpose.
11	Q Well, were you aware of the fact that the
12	resale you know what a resale carrier is, don't
13	you?
14	A Yes.
15	Q Are you aware of the fact that the resale
16	carriers of WGN and WWOR actually black out certain of
17	the programming?
18	A I know that's true in some cases.
19	Q Are you aware that they, in fact,
20	substitute other kinds of programming for that that's
21	blacked out?
22	A I understand that, yes.
23	Q Do you know whether or not the data that
24	you've relied upon here contains any viewing data with
25	respect to the substituted programming? NEAL R. GROSS

1	A I don't know.
2	Q Do you know whether or not the viewing data
3	provided you by the MPAA reflects viewing to the
4	programs were not substituted?
5	A I don't know.
6	Q You haven't made any inquiry about that?
7	A That's correct.
8	Q Now if, in fact, the data that you've
9	relied upon here do not accurately reflect all of the
10	viewing to a particular program category, would that
11	affect the results of your study?
12	A I don't think I understand the question.
13	Q Well, assume that the data that you have
14	relied upon here did not contain the viewing to all of
15	the programming in a particular category, would that
16	fact affect your results?
17	A It could. But, again, it's a question of
18	whether it, in fact, biases in any way or, in fact,
19	simply adds to the noise in the data.
20	Q But that's not something you've considered.
21	A That's correct.
22	Q You haven't looked into the fact as to
23	whether or not the practice of substituting
24	programming on Syndex-proof superstations is going to
25	affect the results of your study?

WASHINGTON, D.C. 20005

1	A That's correct.
2	Q And that's not at all comparable to the
3	types of criticisms that you might have had of the
4	Landis study, by any chance?
5	A I'm not sure I know the connection.
6	Q Okay. Dr. Besen, you've got results here
7	for 278 cable systems, is that correct?
8	A The total number in the Preferred
9	equation, the one with the most using the most
10	data, that was the number of different cable systems.
11	The number of observations is obviously somewhat
12	higher, 350-odd 40-odd.
13	Q And the difference is attributable to the
14	fact that certain cable systems may have added or
15	dropped more than one signal, correct?
16	A No, would have appeared in more than one
17	period.
18	Q Do you know how many total these are all
19	just Form 3 cable systems, correct?
20	A That is correct.
21	Q Do you know how many total Form 3 cable
22	systems
23	A I think my testimony indicated
24	approximately 1200, I believe.
25	O Well that's and I wouldn't want to

1	argue with you, but isn't that a little low, Dr.
2	Besen?
3	A For the total number of Form 3 systems?
4	Q Certainly.
5	A It was the number that I think we were
6	provided data from Mr. Larson.
7	Q Well, would it surprise you to learn that
8	Mr. Larson had provided me with data showing that
9	there were about 2400 Form 3 cable systems in 1990,
10	and about a like number in each of the earlier years?
11	A It would surprise me. Excuse me just a
12	moment these were all the systems for which there
13	was a reported change in the carriage. That's the
14	list of systems that we got.
15	Q So, that would explain the difference
16	between the 1200 and the 2400?
17	A Correct.
18	Q You were only looking at systems that made
19	some change during this period?
20	A Where there was a reported change.
21	Q Where there was a reported change.
22	A Correct.
23	Q I see. Anyone who didn't report a change
24	during this period, you didn't examine, correct?
25	A That's correct. Recall, the reason we were

1	interested in instances where there were changes was
2	because we wanted to isolate the effect of changes in
3	the carriage of programs. And so we were not
4	interested in observations where cable systems did not
5	change the complement of distant signals they carried.
6	Q I see. Well, just take, for example, a
7	cable system had added a distant signal maybe in 1983
8	WGN, which carries the Chicago Cubs and carries
9	that signal consistently throughout the period '84,
10	'85, '86, all the way through. Now, that system you
11	would not you had not looked at.
12	A It would depend on whether it changed any
13	other signals during the period of analysis.
14	Q Well, let's assume for purposes of my
15	question that it did not. It added one signal, WGN, in
16	1983, and it consistently kept that signal to this
17	very moment.
18	A And all other signals.
19	Q And all other signals.
20	A Correct, it would not appear.
21	Q Now, it is true, is it not, that the
22	particular cable operator in that case, would have to
23	make a judgment twice a year, as to whether or not to
24	keep that particular signal?
25	A That's correct.

1	Q He would have to make a determination as to
2	whether or not the value of that particular signal,
3	and the programming on that signal, was worth paying
4	whatever it was paying in royalties?
5	A That's correct.
6	Q But you haven't examined that kind of a
7	system?
8	A Well, you have to go back to the
9	fundamental way we approached this analysis. At the
10	outset, there was a concern that the effects we were
11	trying to look for were going to be fairly subtle and
12	difficult to detect. Therefore, we sought
13	observations where there were large changes in
14	programming carried on distant signals between
15	periods.
16	We could have looked at period-to-period
17	changes for a given complement of signals, but the
18	concern was and we never pursued this line of
19	analysis because we did not think it was likely to be
20	fruitful we could have looked at the changes on the
21	program for example, GN between periods, and
22	related that to royalty payments.
23	In order to it is not a simple matter
24	I hope you appreciate that it's not a simple matter
25	to try to isolate the effects of interest here. And NEAL R. GROSS

- 1	
1	one way to go about doing so is to look for instances
2	in which the variable effects you're most interested
3	in is changing by large amounts. And that was, in
4	fact, a fundamental premise of the way we conducted
5	our analysis.
6	Q Let the record reflect that he moved my
7	easel without my permission.
8	A I thought we had your permission.
9	MR. HOLLAND: I beg to differ.
10	MR. GARRETT: I was going to charge you,
11	and they said you wouldn't pay.
12	(Laughter.)
13	BY MR. GARRETT:
14	Q Dr. Besen, you've got a cable operator who,
15	in 1983, adds WGN and increases its royalty payment by
16	\$10,000, okay? Will you assume that for me?
17	A Fine.
18	Q And at the end of the year, he looks at WGN
19	and says, "It's now going to cost me \$15,000", either
20	because his Basic rate has gone up or because the
21	number of subscribers has increased or both, right?
22	A If you say so.
23	Q Well, I am correct, right, that the cost of
24	carrying that signal can change simply because the
25	number of subscribers increase or the Basic rate

1	increases, right?
2	A That's absolutely correct.
3	Q I mean, royalty payments are tied here to
4	the cable operator's Basic receipts?
5	A Precisely.
6	Q And then in 1985, he looks at it again and
7	says, "Now it's going to cost me \$17,500", will you
8	accept that?
9	A Correct.
10	Q And under your analysis, he's saying to
11	himself, is it worth paying yet another \$2,500 for
12	that particular
13	A Correct.
14	Q And at some point, you talked about rate
15	deregulation, correct?
16	A I did.
17	Q And that kicked in, what, at the end of
18	1986, beginning of 1987?
19	A I believe so.
20	Q And so in 1987, all of a sudden, he doubles
21	his Basic rates, and now he's paying \$30,000 for that
22	particular distant signal, right?
23	A Fine.
24	Q And, again, he has to make a judgment, does
25	he not, that that signal is worth \$30,000 to him? NEAL R. GROSS

1	A Absolutely correct.
2	Q Now, as I understand it, you did not
3	strike that.
4	You didn't draw a random sample?
5	A We tried to take every observation that met
6	our criteria.
7	Q But one of your criteria would not have
8	been a situation like the one I just described.
9	A That is correct, for perfectly good reason.
10	Q Well, I'm sure Dennis will explore
11	A Well, I'd like to answer it because you've
12	made
13	Q Well, Stan, go ahead, but I want you to
14	know that I've got to be done by lunchtime.
15	A Well, this will be very brief. You've
16	basically just made my point, and I'd just like to
17	sort of make sure that everybody sort of appreciates
18	it.
19	There are a lot of things that can cause
20	the royalty payments on a system to change. You've
21	got lots of examples of them. If you want to isolate
22	the effect of a change in distant signals and,
23	therefore, the programming on those signals, you want
24	to find instances where that's the biggest factor
25	that's affecting the changes, and the way to do that

2

3

5

6

7

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

is by looking at changes. You won't get it by doing this.

There is economic problem an statistical problem. You want to isolate the effects of the programs on the distant signals from all the other things that may be causing royalties to change. And the way to do that is by focusing on observations where the changes in distant signals are the largest thing that's changing. It's a way to separate it from the surrounding noise. There's noise, you want to obtain information about the signal, and the way to do that is to make sure that the effect that you're looking at, the variable whose effect your are looking at is changing by a large amount relative to all the other things that may be changing the results. So, in that's precisely why we didn't look observations like that.

Q As I understand it, in your final paragraph here you indicate that you think that the observations that you have are representative of the larger universe, is that correct?

A Yes, they don't seem to differ tremendously from them.

Q And the criteria on which you measure that are set forth in your final table, Table 4, is that

1	correct?
2	A I'm sorry, I don't know what you mean by
3	there are no criteria in the final table. Oh, yes, it
4	is the factors that we compared them by. If that's
5	what you mean, yes.
6	Q Did you compare any other factors?
7	A No, we did not.
8	Q You looked at Basic rate, and you found
9	that they were roughly the same?
10	A Roughly the same, correct.
11	Q And number of subscribers, you considered
12	the difference of about 5,000 subscribers not
13	significantly different?
14	A Well, they are statistically different, but
15	they are not what I would say is, they are not
16	different enough to likely have affected our results.
17	And, remember, the means could be very different
18	between the groups, and the relationship could be the
19	same for both of them.
20	This is simply an attempt to see very
21	roughly whether the systems look very different. They
22	don't.
23	Q And that would also be true on the final
24	factor there, the number of distant signals?
25	A That's correct.

1	Q I mean, there's like a whole signal
2	difference there that you don't consider?
3	A Yes, I don't believe that would have
4	affected the results.
5	MR. GARRETT: I have no further questions.
6	Thank you, Dr. Besen.
7	CHAIRPERSON DAUB: Thank you, Mr. Garrett.
8	Commissioner Goodman?
9	COMMISSIONER GOODMAN: Let me go back to
10	the WGN analysis. I'm trying to better understand the
11	way you value the signal. If, from one year to the
12	next, the Chicago Cubs were to go from last place to
13	first place.
14	MR. GARRETT: Never happen.
15	(Laughter.)
16	COMMISSIONER GOODMAN: Philadelphia
17	Phillies.
18	THE WITNESS: This is a hypothetical, I
19	assume.
20	COMMISSIONER GOODMAN: Let's say they went
21	from first place to last place then.
22	MR. GARRETT: I can't imagine them ever
23	being in first place, but I'm sure there's a
24	regression analysis in there.
25	MR. PORTNOY: Your assumption is flawed.

(Laughter.)

COMMISSIONER GOODMAN: Let's assume that you went from low-ranking to high-ranking, and became extremely popular throughout the nation. And let's also assume that the cost went up for whatever reason, to carry that distant signal from one year to the next.

Would your analysis take into effect the qualitative enhanced attractiveness of the Cubs programming?

THE WITNESS: I think there are two parts to the answer. If it's an example like Mr. Garrett's hypothetical here, we would not have even analyzed that observation. Okay. The question would be, what if WGN was added in this period? And the answer is, only to the extent that it shows up in viewing hours would this effect be present.

There are lots of things that are going to affect royalty payments made by a system. Our claim here, and I think it's a valid one, is that we've been able to isolate the effects of the changes in the program hours, or in the weighted program hours, on the royalty payments that are made. Those effects are measurable, statistically significant, robust with respect to variations in the underlying -- in the

NEAL R. GROSS

COURT REPORTERS AND TRANSCRIBERS 1323 RHODE ISLAND AVENUE, N.W. WASHINGTON, D.C. 20005

2

3 4

5

6

7 8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

various ways we've might have conducted the analysis. So, in that sense, we've isolated those effects.

in any statistical analysis, there always remains some unexplained variance. As a matter of fact, for analysis of this type -- a cross-section analysis using changes in the data -- we explain a quite respectably large proportion of the variance in royalties, and that's what gives us confidence in the results. The results are large and significant. They are highly unlikely to have occurred due to chance.

That is not to say that there are no other We don't explain all of the factors at work here. variation, but we explain a decent amount of it, and we explain on the basis of an important characteristic of the distant signals, and that's what gives us confidence.

COMMISSIONER GOODMAN: In this particular example, would you -- are you saying that would account for the enhanced value of WGN due to the enhanced attractiveness of the Cubs, because of the additional viewing?

THE WITNESS: To the extent that that's reflected in extra viewing, that would, in fact, be taken into account, yes.

> COMMISSIONER GOODMAN: If it was not an NEAL R. GROSS

appreciable -- if it was not an increase of any kind in viewing of the Cubs games, then you would assume that it was -- I better not assume -- incorporated into your data, your analysis would be that there was no enhanced attractiveness?

THE WITNESS: If you were adding WGN, then you would take into account the fact that WGN has some amount of Sports programs, and some amount of Local, and some amount of Devotional, and some Movies and Series, and you would measure the extent to which -- you would measure the percentage increases in the programs in each of those categories, as a result of carrying WGN or adding it to your complement. Those are the characteristics whose values we analyzed, weighted by a measure of viewing, and it's only those factors that we could possibly take into account in this analysis.

another factor, and I'm not sure how one weights this as a negative the way you did. I'm not even sure my assumption is right, but I'll make it anyway -- and that is that there are some types of programs that are inordinately important to the person who is making the decision to subscribe to cable. For example -- certainly this would be true -- a Sports fanatic would

be disproportionately caused to subscribe to cable
that he could get Sports, than somebody who didn't
care very much about Sports and just loved the
different programs. I mean, Sports wouldn't be a
major factor, obviously, in the non-fanatic's
consideration of that.

THE WITNESS: Yes.

COMMISSIONER GOODMAN: Would that be picked up simply by the fact that there would be increased viewing because the fanatic would watch it more?

THE WITNESS: No. No. Even with respect to hours, suppose that the programs -- if it were true that a distant signal that contained lots of hours of Sports -- let's leave viewing aside -- had lots of hours of Sports, were disproportionately valuable -- valuable in the sense that cable operators are going to pay a lot for distant signals that contain a lot of Sports, which is the analysis that we're doing here, that, in fact, that would show precisely in the data. The data tell us how operators value these distant signals.

Why do they value them? They value them because of their ability to attract Basic subscribers, to raise subscriber rates to Basic subscribers because they may attract Basic subscribers who take Enhanced

NEAL R. GROSS

2

3

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

Basics, or Pay, or pay additional advertising. Those are all reckoned in the calculus of the operator, reflected in his willingness to pay for those signals.

If it turned out that Sports was enormously valuable in the sense that people really basically wanted distant signals because of their Sports programs, that, in fact, that should show up in our results with a much higher share of Sports. We give Sports either hours or viewing. We give them every opportunity -- there's nothing about the analysis that would have prevented Sports from having a 50-percent share, or 75-percent share. Based on the behavior of operators choosing which signals to carry, how much to pay for them, and what they contain, we're able to determine the respective value of the components -just like the wheelbase and the horsepower -- and if Sports had a very high value, it ought to turn up in our data. All I can tell you is what turns up in the data based on an analysis of what operators actually did.

Operators ought to make those decisions based on their ability to attract viewers, for example, or attract subscribers, and that ought to show up here.

COMMISSIONER GOODMAN: Let me ask one more

NEAL R. GROSS

COURT REPORTERS AND TRANSCRIBERS 1323 RHODE ISLAND AVENUE, N.W. WASHINGTON, D.C. 20005 question, and I'd appreciate your help. Maybe I've gone past the study too far, or maybe I need to go back for a study, because I'm still having difficulty fully understanding it.

The major hurdle, it seems to me, in an analysis of this type, is to break down among the program elements within any distant signal, the attractiveness. In other words, you see that the cable operator has decided, for whatever reasons, that he's now willing to spend \$31,000, or \$31,000 additional, and then the key to the importance of your analyses are that you can ascribe the value within that distant signal, to different elements. For example, Sports and so on.

THE WITNESS: Precisely correct.

COMMISSIONER GOODMAN: The way you were able to break that down -- and really simplify this for me -- is what, viewing?

THE WITNESS: No. Let's leave viewing out for just a moment. I think that's causing some confusion here. Let's suppose, in fact, that the only thing that gave the program the components were just hours. The way we're able to do that is by observing that people pay more for -- are willing to pay more for distant signals that contain more programs that

NEAL R. GROSS

have high value.

horsepower.

Let's go back to my example of horsepower. If we can figure out how much more people are willing for 10 more horsepower, we can ascribe a value -- we have observations on -- this is the simplified because it doesn't require a statistical analysis. But if I had one care that cost \$100 and has 100 horsepower,

and I have a second car that cost \$200 and has 150

horsepower, and everything else is the same, then I

can say that that extra \$100 can be related to that 50

extra horsepower. I can put a value on the additional

That's what we're doing here except that it's more complicated to do because we don't have nice, easily-matched observations. So, we have to use statistical methods to do that, but it's exactly the same as doing that. People are putting higher values on distant signals that contain programs that are more valuable, and it's that insight that permits us to disentangle the separate effects of the components.

COMMISSIONER GOODMAN: How do you know which program within that distant signal is the one that has the high value?

THE WITNESS: All the programs are treated as a category. We are using the same program

NEAL R. GROSS

COURT REPORTERS AND TRANSCRIBERS 1323 RHODE ISLAND AVENUE, N.W. WASHINGTON, D.C. 20005

1	categories the Tribunal does.
2	COMMISSIONER GOODMAN: I meant to say
3	category.
4	THE WITNESS: Which category has the value?
5	COMMISSIONER GOODMAN: How do you know
6	which category is the one that brings all that value?
7	THE WITNESS: Again, to oversimplify. If
8	it were possible if the only two observations in
9	the world were two distant signals which people paid
LO	\$100 for one and \$200 for the other, and one had one
L1	more Sports program than the other. If that was the
L2	only thing, we would say that additional Sports
L3	program was worth \$100.
L 4	COMMISSIONER GOODMAN: But why? Why
L5	couldn't it be well, let's use that example.
16	THE WITNESS: Fine. The point is that "an"
L7	extra program is worth \$100. We don't ascribe it to
18	any particular program within the category.
.9	COMMISSIONER GOODMAN: Why couldn't the
20	value of program number one be worth \$100 more than
21	the other distant signal, and the second program was
22	of zero value. Let me give you an example. Let's say
23	that WGN had two programs all day. That's all it had.
24	Program number one was the Chicago Bulls basketball
25	game, enormously valuable. Program number two was the

5 6

7

8 9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

Chicago Cubs Minor League Team, of less value. The value to that, it seems to me, would be overwhelmingly ascribed to the Bulls.

THE WITNESS: The task of the Tribunal were to assign royalties to particular programs, we might have gone about this guite differently. If the program categories were different, we might have gone about it differently.

Our task, as we understood it, was to assist the Tribunal in assigning the royalties to the categories the Tribunal actually faces.

COMMISSIONER GOODMAN: Then my example was a bad one. Let's say there's two programs, and only two programs, on WGN. Program number one is the Chicago Bulls. Program number two is a different It's going to be Movies/Series, and it's category. Petticoat Junction, or Tugboat Annie Rides Again. And let's assume for a second those latter programs have less value than the Sports programs.

THE WITNESS: Fine. Very easy. Let's suppose that we have three -- we need three different stations to do your analysis. One of them carries both of them, one of them carries one of them but not the other, and vice-versa. One carries just the Sports, one carries just the Series, one carries both.

The question is, how much less each of the ones that just has the missing one -- how much less royalty payments do they pay for the one that is missing. And that permits you to ascribe, if you like, the marginal value of each of the two program categories.

If that was the simple setup, you could, in fact, infer the incremental value because, in fact, in your example, if it were true, you would observe that the system with just the Bulls, just the one, would be paying some number, and the one with two would be paying only a small extra amount. And, similarly, the one with just the hypothetical series would have a small number and, therefore, we'd ascribe a very big amount to the Bulls because he would be paying very little.

That's exactly what we've done. It's just that now, instead of having nice just sort of three systems to compare, we have lots of systems to compare, and lots of variation, and our analysis does exactly what you want us to do.

You want us to, in fact, determine the effect of an additional program of a given type, or additional hour of programs of a given type. That's exactly what we do.

COMMISSIONER GOODMAN:

I think I

I think that if Mr. Lindstrom were here, 1 understand. he would go over to the easel and say, "Here's how we 2 make up for that", and that is with the additional 3 signals. The problem with my example is you only had 4 5 one or two stations. You're saying that if you have a given, a sufficient number of distant signals, and 6 7 we measure them all, we're going to start finding 8 correlations, and we're going to start determining the 9 values of those Movies/Series vis-a-vis the Sports 10 because it will come out because you are comparing --11 THE WITNESS: That's correct, and it goes 12 back to the point earlier about fitting the curve to 13 the points. The points are these observations in this 14 multi-dimensional space that we talked about before combinations 15 are, in fact, exactly these of 16 programming and prices. And, in fact, you're exactly 17 right. When we fit an equation to them, we do exactly 18 what we do, or could do, if it was a simple world with 19 two programs and three systems. It's just more 20 complicated because there are more systems and more 21 programs, but we can do it, and we do do it. 22 COMMISSIONER GOODMAN: Thank you. 23 CHAIRPERSON DAUB: Mr. Garrett? 24 MR. **GARRETT:** Would you call Dr.

Garrett?

1	(Laughter.)
2	I'm sorry, could I just ask one brief
3	question here?
4	CHAIRPERSON DAUB: Yes.
5	BY MR. GARRETT:
6	Q Dr. Besen, you're familiar with what a 3.75
7	signal is, are you not?
8	A I am.
9	Q And you understand that when you add a 3.75
10	signal, that could also have a significant increase on
11	your royalty payments, correct?
12	A But that would show up, in fact, in the
13	data. If you were adding a signal that was a 3.75
14	signal, that would, in fact, precisely be a signal you
15	would add only if, in fact, the programs on it were
16	highly valuable. It's precisely those kinds of
17	situations that permit us to do the estimation that
18	we're talking about here.
19	Q I understand. Did you include then in your
20	study situations where a 3.75 signal was included?
21	A There may be some. The question we asked
22	was, how much did the royalties change when you added
23	a signal?
24	Q Did you exclude any instances in which
25	someone added a 3.75 signal?

1	A Absolutely not.
2	Q You indicate here that where there were
3	some very large increases, you excluded them because
4	you thought that they had to do with "retiering", do
5	you recall that?
6	A There were a few instances exactly
7	where we thought that there might have been retiering,
8	exactly.
9	Q But none of those situations would involve
10	3.75 signals, did they?
11	A We certainly did not eliminate any
12	observation because it involved the addition of a 3.75
13	signal.
14	Q Not consciously, or unconsciously?
15	A I'll accept that.
16	Q And I take it you cannot tell me how many
17	3.75 signal situations you actually observed?
18	A That is correct.
19	MR. GARRETT: Thank you very much, Dr.
20	Besen.
21	CHAIRPERSON DAUB: Thank you, Mr. Garrett.
22	We will recess for lunch, and we come be
23	back at 1:30.
24	(Whereupon, at 12:00 noon, the luncheon
ļ	

WASHINGTON, D.C. 20005

1	AFTERNOON SESSION
2	(1:40 p.m.)
3	CHAIRPERSON DAUB: Back on the record. Mr.
4	Stewart, would you begin your cross-examination of Dr.
5	Besen?
6	MR. STEWART: Thank you.
7	Good afternoon.
8	THE WITNESS: Good afternoon.
9	MR. STEWART: My name is John Stewart, and
10	I'm representing the much maligned National
11	Association of Broadcasters or maligned by you, in
12	any case.
13	(Laughter.)
14	THE WITNESS: I'm sorry.
15	MR. STEWART: I'm sorry, I withdraw that
16	characterization.
17	CROSS-EXAMINATION
18	BY MR. STEWART:
19	Q Would you turn to page 4 of your statement,
20	please.
21	A (Complying.)
22	Q Would you read, please, the sentence that
23	goes from the bottom of page 4 over to the top of page
24	5?
25	A "This means that one must measure what NEAL R. GROSS

1	operators are willing to pay for programs by observing
2	what they actually choose to pay for them."
3	Q "One must measure what operators are
4	willing to pay for programs", is that what you said,
5	"by observing what they actually choose to pay for
6	them", is that correct?
7	A Correct.
8	Q And is that what you contend your study
9	measures?
10	A Yes. The quotations seem a little odd, as
11	one is in the middle of a sentence.
12	Q I quoted two different phrases.
13	A Oh, I'm sorry.
14	Q I didn't know you were a grammarian as
15	well.
16	A Fine. There's a dot, dot, dot in the
17	middle.
18	Q Here, let me just do it right.
19	A It's all right. It's fine.
20	Q I understand, if you're offended
21	A No, no. I'm not that easily offended.
22	Q All right. Let's make this a little more
23	concrete. I'd like to posit an actual cable system
24	and, for purposes of illustration, look at this cable
25	system's carriage of stations over three periods.

Let's call them the second half of '89, first half of 1 '90, second half of '90. So, 89-2, 90-1, and 90-2, 2 3 okay? Fine. Α 5 0 Now, this cable system carries distant signals A, B, C, and D in the second half of 1989; 6 distant signals A, B, C, and D in the first half of 7 8 1990; and distant signals A, B, C, D, and E in the 9 second half of 1990. Okay, do you have that? 10 Α I do. 11 Now, this is a Form 3 system. I'm going to 12 assume that this is a Form 3 system. Are you 13 familiar with the distinction between a Form 3 system 14 and a Form 1 or Form 2 system? 15 I am. 16 Now, let's look at what the cable operator 17 actually does in this circumstance. First of all, I 18 think that Mr. Garrett pointed out and you agreed, a 19 cable operator makes a decision to carry A, B, C, and 20 D -- at what point in time do you think that the cable 21 operator makes a decision to carry A, B, C, and D in 22 the second half of 1989? 23 I presume sometime before the period 24 starts.

NEAL R. GROSS

And the same cable operator would make

Q

1	decisions to carry those four signals again sometime
2	before the beginning of the first half of 1990,
3	correct?
4	A I would assume so.
5	Q And then the same cable operator makes a
6	decision sometime before the beginning of the second
7	half of 1990, to carry A, B, C, D, and E as well?
8	Okay?
9	A Fine.
10	Q And you're comfortable with the premise
11	that the decision is made before the carriage
12	commences?
13	A I haven't thought about it, but that seems
14	reasonable at this point.
15	Q You haven't thought about it. Okay.
16	Now, what periods of time are covered by an
17	accounting period, do you know that?
18	A Precise period in terms of calendar time?
19	Q Yes.
20	A I believe it's the first half and the
21	second half of the year, but I'm not certain.
22	Q January 1 to June 30, okay, and July 1 to
23	December 31?
24	A That sounds fine.
25	Q Now, at the point in time when let me

1	ask you this question. When does the cable operator,
2	Form 3 cable operator, pay for carriage of distant
3	signal E?
4	A In the period when it adds it.
5	Q At what time during the calendar year?
6	A I'm not certain. You may recall in the
7	paper, we indicate that we do not know when within the
8	accounting period of a station a system has added a
9	particular signal, so we treated them as if they were
10	added for the whole period.
11	Q So, it's your understanding that at
12	whatever point during the second half of 1990 it was
13	added, that's when the cable operator begins to pay
14	for the carriage of E?
15	A I guess, I'm not certain.
16	Q Let me help you with this. You know that
L7	cable operators file statements of account with the
18	Copyright Office?
19	A I do.
20	Q Do you know whether they are filed before
21	or after the accounting period?
22	A I assume they file after.
23	Q Right. And do you know whether the cable
24	operator pays any money for the carriage of distant
25	signals before or during its carriage of a distant NEAL R. GROSS

	517
1	signal?
2	A I'm not sure I understand the question.
3	Q Would you take it as an assumed fact then,
4	for our discussion purposes, that the cable operator
5	first pays royalties for the carriage of station E
6	sometime during the first couple of months of 1991,
7	after the carriage is completed for the six-month
8	period ending December 31, 1990-2?
9	A Fine.
10	Q Now, do you know how that cable operator
11	would know how much he's going to pay in 1991 for
12	carrying station E in the second half of 1990?
13	A It would depend on some estimate of his
14	Basic revenues, and at whatever point on the fee
15	schedule he appears.
16	Q Explain what the fee schedule is.
17	A I'm not sure what the precise numbers are
18	anymore, but the schedule is one in which you pay a
19	different amount for some signals than for others
20	because of the fact that the signals beyond those
21	authorized by the FCC, in whenever it was, 1978, are,
22	in fact, paid for at a higher rate than the ones
23	authorized at the time.
24	Q Are you familiar that there is also a
25	distinction you were just referring to the 3.75

1	rate, correct?
2	A Correct.
3	Q Are you familiar with the fact that there's
4	also a distinction in the rate paid for stations not
5	carried at the 3.75 rate?
6	A I'm sorry, I don't understand. You mean as
7	between Independents and Affiliates?
8	Q There is that distinction.
9	A I'm aware of that.
LO	Q Are you aware that there's another
L1	distinction as well?
L2	A I'm not sure what you're referring to.
L3	Q Okay. Take this also as an assumed fact,
L4	that for Form 3 systems and laying to one side 3.75
L5	stations the first DSE is paid for at the rate of
۱6	0.893 percent; each of the second through fourth DSEs
L7	are paid for at the rate of 0.563, and the fifth
18	through nth are paid for at a DSE rate of 0.265
ا 9	percent. And then there's the 3.75 percent rate.
20	Okay?
21	A Fine.
22	Q Okay. This Form 3 operator knows that this
23	is the fee rate schedule that will apply to distant
24	signals he adds in 1990. Will the cable operator know
25	at this point then, exactly what the dollar amount NEAL R. GROSS

1	will be for the carriage of station E?
2	A I presume he gets an estimate of what it
3	would be.
4	Q Why do you suggest it's an estimate?
5	A Well, he doesn't quite know what his
6	revenues are.
7	Q His revenues for the second half of 1990,
8	which hasn't yet begun?
9	A I suppose.
10	Q And do you know against what revenues the
11	rate is applied?
12	A Basic subscriber revenues.
13	Q That's total gross receipts?
14	A On Basic service.
15	Q So, he doesn't know until the end of 1990
16	sometime, exactly how much the total gross receipts
17	were for the period ending at the end of 1990?
18	A I presume not.
19	Q So, at the point at which he makes a
20	decision to carry E, he doesn't know exactly what the
21	price of E is going to be, does he?
22	A No.
23	Q He knows what the rate is going to be, and
24	he may have an estimate, good or not good, for what
25	his gross receipts are going to be, right. NEAL R. GROSS

- 1	
1	A That seems correct.
2	Q Now, if you asked the cable operator at the
3	end of 1990, he would have a much better idea than a
4	cable operator in the middle of 1990, or the end of
5	1989, what his gross receipts for 1990 were going to
6	be, wouldn't he?
7	A After rather than during?
8	Q Yes.
9	A Yes, of course.
10	Q Now, let's look again at this decision to
11	carry station E. What does the cable operator know
12	about the programming on station E?
13	A I presume he knows what it carried in the
14	most recent period.
15	Q What it carried?
16	A What it was carrying at the time he chose
17	to add it.
18	Q Okay. And does programming
19	A Of course, that's true of A, B, C, and D,
20	of course, as well.
21	Q We'll get to that. Does programming on
22	stations change from time-to-time during the year?
23	A It does.
24	Q And in some cases, seasonal program, such
25	as baseball games, changes quite substantially from

1	time to time during the year?
2	A I suppose.
3	Q And fall season changes often happen, and
4	there may be new programs added at the end of the
5	summer, that weren't carried in the first half of 1990
6	or at any previous time, right?
7	A Possibly.
8	Q And if this cable operator wasn't carrying
9	if the cable operator was carrying A, B, C, and D,
10	do you think that he or she might have a better idea
11	of what programming was on those signals than on E?
12	A I don't know.
13	Q And do you think that at the end of this
14	period, the cable operator would be likely to have a
15	better idea of what programs were on E than before the
16	station was carried on his system?
17	A He might.
18	Q Maybe?
19	A Perhaps.
20	Q Now, your premise which you read and I've
21	quoted part of here says, you must measure what cable
22	operators are "willing to pay for programs", correct?
23	I'm sorry, I'm just reading your quote and
24	I'll go ahead and read it, by measuring "exactly what
25	they chose to pay for them". Am I missing some words NEAL R. GROSS

1	in here? Whatever. Strike all of that.
2	The cable operator doesn't just pay for
3	programs, isn't that right?
4	A That is correct.
5	Q A cable operator pays for signals.
6	A That's the premise of the study.
7	Q That's why you did your study, right.
8	A Precisely.
9	Q See how agreeable we can be?
10	Now, one way to observe what cable
11	operators are willing to pay for programs by measuring
12	exactly what they chose to pay for them, would be to
13	take these signals carried during 1990, measure
14	exactly how many hours of each program category were
15	carried on each of them, multiply those amounts of
16	programs by the amount paid for each of the signals,
17	and just get a percentage. Wouldn't that be a direct
18	way to measure what they paid for programs on those
19	signals?
20	A Actually, no, that's wrong.
21	Q Explain why.
22	A Well, most obvious let's use your four -
23	- let's suppose for the sake of argument, if I may,
24	that the four percentages that you have there893,
25	.563, et cetera are, in fact, correct, and you pay NEAL R. GROSS

1 that amount for the first signal, and the second, and the third, and the fourth. So, we can just match them 2 3 up to your A, B, C, D. The point is that you pay 3.75 for each of 4 them, assuming they are not -- may I? 5 Allow me? 6 0 You assume --If you were to drop any of them, the cost 7 Α of dropping them would be the same. 8 9 What you're saying is that you can't really 10 ascribe a price? 11 Α No, I'm saying you can't ascribe the .893 12 to a particular -- if I was carrying two distant signals as of a given date, one of which -- let's 13 14 assume for the sake of argument, I was paying some 15 amount for one and a higher amount if I carried a 16 Identifying which is the "second" signal is 17 not -- that's not a meaningful economic statement. I 18 pay the marginal price for the carriage of a second 19 signal, whether it's A or B. So, indeed, in fact, I'm 20 paying it for both A and B. 21 In fact, you've put your finger right on 22 one of the reasons the Tribunal has rejected exactly 23 that approach in prior years, it was known as the 24 "time plus fee-generated" approach.

NEAL R. GROSS

Well, I'm not sure I -- I don't have any

Α

1	idea that may be right. I'm not endorsing that.
2	Q You're not endorsing what the Tribunal has
3	rejected
4	A I have no idea I don't know what the
5	Tribunal all I know is, I've given you what I think
6	is the correct economic analysis of the situation.
7	Q Right. You have a difficulty if you
8	arrive at this situation here where there are, of
9	course, stations carried, it's hard to figure out
10	which is the first, without asking the cable operator
11	or without going back to see when only A was carried,
12	or
13	A It's not even a meaningful statement.
14	Q Which is not?
15	A Which is the first, because they are all
16	the point is again, just as a hypothetical
17	assuming you had to pay those various amounts for one,
18	two, three, and 3.75 for the fourth, you would, in
19	fact, save 3.75 times whatever it is, by dropping any
20	one of them.
21	Q I want to get to that, but let's stick with
22	this point for a moment. If you knew the programs on
23	these stations that were actually carried. You knew
24	exactly how much money was paid for the total of them.
25	You had some way that was acceptable, of dividing that

1	
1	money up among stations, you could figure out what was
2	paid for each category of programs, just by
3	multiplying the hours times the dollars, right?
4	A I don't think that's a meaningful exercise.
5	Q And you did your study somewhat
6	differently.
7	A Very differently.
8	Q And I want to get to that in just a moment.
9	One other thing that we do know is that signal E was
10	the last added signal, don't we?
11	A We know it was added.
12	Q We know it was added. There was a decision
13	made to add it after decisions had already been made
14	to carry A, B, C, and D.
15	A Correct.
16	Q And an appropriate assumption in economic
17	analysis is declining return, or diminishing return.
18	We know, we can assume based on economic analysis,
19	that that signal E is worth less has lower value to
20	the cable operator than signals A, B, C, or D.
21	A Yes.
22	Q Okay. So
23	A I think I heard that somewhere before,
24	actually.
25	Q Yes. See, we're being agreeable. I'm

going to add one further set of assumptions here, or numbers. One is that the royalty fee paid in the first period here, the second half of 1989, was \$1,000 for these four signals, and the first half of 1990 it was \$1100, and in the second half of 1990 it was \$1,500.

Now, here's what you did on your study, and correct me if I'm wrong. First, instead of trying to measure what was paid for E, you took the difference between the total royalties paid by the cable operator in that half of the year and the total royalties paid by the cable operator in the preceding half of the year, is that right?

- A Except that I did it in percentage terms.
- Q And you expressed it in terms of a percentage increase.
 - A That is correct.
- Q Okay. That's on the one side. And then, secondly -- I guess the overall premise is that you didn't consider these two cases at all, the '89-2 and the '90-1 case, you only considered -- you focused on the changed case, that is, the commencement of carriage of E for the first time in the second half of 1990, correct?
 - A That is correct.

NEAL R. GROSS

19

20

21

22

23

24

25

And then when you collected your dollars Q information, instead of figuring out what E cost or what he paid for E, you calculated the percentage And then instead of figuring out increase overall. how many minutes of programs in each category were on E, you did the following -- and, again, correct me if You took the difference between the I'm wrong. programs in all of the categories on all of in the second half of 1990, calculated the percentage increase in each of the categories compared with the percentages of programs on all the stations in the first half of 1990.

A Quite right. We took the percentage increase in Sports out -- let's take the case of the unweighted, which is easier to talk about. We took the percentage increase in Sports programs between '90-1 and '90-2, and the same thing for Local and Devotional and Movies and Series, we took the percentage increase in each, or the percentage change in each affected primarily by the introduction of E.

- Q Exclusively.
- A No.
- Q In this case?
- A In that case, assuming the other stations had the same programs on, that's exclusively, that's

1	correct.
2	Q Well, we're not talking about whether they
3	had the same programs on or not, we're talking about
4	the data that you used.
5	A Correct, absolutely.
6	Q In this case, you would actually take the
7	programs added by E, and figure out what percentage
8	change there was because A, B, C, and D all had the
9	same programming throughout the year in 1990, based on
10	the data that you used.
11	A I don't know that A, B, C, and D had the
12	same programming throughout the year. From that
13	arithmetic, we knew how much they had carried in '90-1
14	and how much they carried in '90-2, so there may have
15	been some changes in program hours affected by station
16	A changing its programs to some degree.
17	Q That's not how you explained your study in
18	your
19	A No, that isn't how we explained it.
20	Q So, you took the six months of Nielsen data
21	available for station A, you divided it into the
22	months that appeared in the first half of the year and
23	the months that appeared in the second half of the
24	year

NEAL R. GROSS

Oh, I'm sorry. For '90-1 and '90-2, of

1	course, we only had data for the whole year, that's
2	correct.
3	Q Of course.
4	A You're absolutely correct.
5	Q Then what you did after you had those two
6	percentages and you did it for all the observations
7	you identified, was to run them up for a regression
8	analysis, throw them all into a computer, and they
9	came out the other end, and you were able to
10	statistically infer that's the way you characterize
11	the conclusions the proportions of royalties paid
12	for program categories on this percentage change
13	basis.
14	A Correct.
15	Q So, even though the cable operator did not
16	pay specific amounts for the different programs on E,
17	you did all that work and then you statistically
18	inferred what percentage of the royalty increase was
19	attributable to each program type on that system?
20	A The only objection, I guess, to your
21	characterization, is the you put it in one end of
22	a computer and it came out the other
23	Q Came out the same end, I guess.
24	A No, but there was some reason for doing it
25	the way we did, some very good reasons.

1	Q I didn't mean to imply there wasn't, I know
2	that.
3	A It's not a black box.
4	Q For me, it's a black box.
5	(Laughter.)
6	A For you, maybe it's a green box.
7	COMMISSIONER GOODMAN: It's a paper
8	shredder for me.
9	(Laughter.)
10	MR. STEWART: It's more like an automatic
11	teller machine that works in reverse.
12	(Laughter.)
13	And that's exactly where I want to come to,
14	the meaning of your results.
15	BY MR. STEWART:
16	Q Now, I want to focus first on for
17	reasons that may not surprise you on your
18	unweighted results, because that's where you compare
19	the number of hours of programs of different types
20	unweighted by viewing, okay?
21	A Fine.
22	Q And in that analysis, as indicated on Table
23	1, you had a positive value of the coefficient you
24	calculated for Movies and Series, and negative values
25	for each of the other program categories you

$1 \mid$	considered, is that right?
2	A That's correct.
3	Q Now, tell me if this isn't a way to express
4	that conclusion, those results. If a cable operator
5	was faced with a choice between two distant signals,
6	A and B, and A had 100 hours of Movies and Series
7	programs on it, and B had precisely the same Movies
8	and Series programs and, in addition to that, it had
9	Sports, Devotional and Local programming. Those
10	results lead us to conclude that a cable operator
11	would pay more for signal A than for signal B just to
12	be able to avoid getting Sports, Devotional and
13	station-produced programming.
14	A If you accept that regression, which I
15	indicated to you is one that we don't prefer.
16	Q That is correct.
17	A For statistical reasons, but that is, in
18	fact, correct.
19	Q That is the meaning of your analysis.
20	A Correct.
21	Q Now, you make one stab at trying to explain
22	this, which I found interesting. It's on page 24,
23	Footnote 39. And there you say that perhaps the
24	negative value we'll change this just so that we
25	put Sports and Devotional on here so that it's 10 NEAL R. GROSS

1	percent, so that station A and station B both have
2	Movies, Series, Sports and Devotional, and station B
3	now has extra programs which are station-produced
4	programs, news and the like.
5	You say in Footnote 39 that, "the negative
6	value of Local programming may result from the fact
7	that 'channel surfers' must sort through them to find
8	the programs they really wish to watch and, as a
9	result, 'discount' the value of distant signals with
10	large amounts of Local programming". Is that correct?
11	A It's a correct quote.
12	Q And that's based on pure speculation on
13	your part. There's no evidence in your study of that
14	phenomenon, is there?
15	A No. We simply try to understand or think
16	about why that, in fact, might occur.
17	Q And it's really important, in fact, when
18	you do regression analyses, first, to identify
19	important variables, and then consider whether the
20	results make sense, isn't that right?
21	A Well, yes. I'd like well, you can go
22	on. I have an answer to give, but you'll probably ask
23	the question anyhow.
24	Q Well, let's stick with channel surfing for
25	a minute. Does that make any sense to you?

- 1	
1	A Well, let's go back. Yes, the answer is it
2	does make some sense so, if you'll sit down, I'll give
3	you an answer.
4	Q I'll stand. I'm nervous.
5	A I'm glad you asked me that, so I'd like to
6	explain why what you seem to think is an implausible
7	result is
8	Q I'm sorry I'm talking about your
9	explanation for this.
10	A Oh, the explanation?
11	Q Yes.
12	A It seems to me a plausible explanation.
13	There's a possible number of explanations, I suppose.
14	Q Well, first of all, you're talking about
15	the channel surfers are not the cable operators, they
16	are the cable subscribers, right?
17	A That is correct.
18	Q So, you're somehow positing that cable
19	operators know about the pique of channel surfers in
20	having to surf through these channels.
21	A No, that is not correct. They know
22	something about which signals they must make a
23	guess in order to decide which signals to carry,
24	they must make a guess as to how which signals they
25	carry will affect such things as the number of

subscribers, the rate they can charge subscribers, and the rest. They are, in effect, making decisions based on their assumptions about what their subscribers or potential subscribers may do if they add this distant signal or delete it.

Q That's all your speculation about what might have produced the results of --

A No, you asked me about operators. Operators, in fact, must make some assessment about what their potential subscribers must do. That's what I've assumed.

Q Okay. Now, let's look at what you assume or speculate that the subscribers do. Is it really your view that on, let's say, a 60-channel system, a channel surfer is only annoyed when he has to pass a station-produced program on a distant signal, and he's not annoyed -- in other words, he surfs one channel at a time and watches the next program, and it's only when he gets to the distant signal with a station-produced program on it that he passes it by to get to the next channel so he can watch that program.

A I think you didn't necessarily read or appreciate all the things that were said in the footnote. It said for signals that have large amounts of Local programming, we speculated that this might,

in fact, be the case, and that's important. At any particular channel-surfing moment, Q there's only one station-produced program --Not relevant for the issue at present here. Why is that? Well, I'll explain to you. It will take a Α minute, so you may want to sit down. (Laughter.) I should say I'm glad you asked me that. The first point to make, which is maybe not so obvious, is to ask -- you have this product that's a "bundle". The question is, well, why do we have some items on it that seem to have negative value? would anybody buy a product for which some of the components contain components of negative value. And the short answer here is, well, what is of concern to the operator is the aggregate value of all the programs on that signal compared to the additional royalty payment he must make, and even if some of the signals had negative value -- I'll come back to that at the margin -- that, in fact, he might still decide to carry the signal, if the extra value of the valuable programs is enough greater than the

He'll carry that signal.

royalty payment, and even if some of them had negative

value, to go on doing so.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |

15

16

17

18

19

20

21

22

23

24

25

Now, if this was an ordinary product -sort of like my hypothetical car that I described
before -- and there was a component with negative
value, you'd expect the supplier of the program, or
the supplier of the product, to say, well, this
component has negatived value, I'm going to delete
that program from -- I'll take it out because taking
it out will increase the value of the product. And
you wouldn't expect to find components with negative
value in the ordinary sort of study of the sort I
described before, for example, the car example, it
would be very -- an odd anomalous to find negative
values for some things that people are actually
selling and including in products.

Well, why might that occur here? Well, of course, the person choosing the contents of the program isn't, in some sense, the person who sort of benefits by selling it directly to anybody, it's the originating broadcast station. They may a have perfectly good reason to show Local programs. They may be very valuable to local subscribers. The fact that they reduce the value to sales in distant markets is maybe of much less importance than the additional value that the station obtains by direct sales in its own market where Local programs are likely to be, or

might well be, highly valued, which leads me to the fourth point.

The contention is not that Local programs That's not the assertion. are worthless. The assertion, or the claim, is that at the margin -that's why the footnote refers to a station with large amounts of Local programs. The programs may have value in the sense that cable subscribers occasionally watch them but, in fact, they may have negative value at the margins. Adding more of them beyond some point, in fact, reduces the value of that program to cable subscribers and, in turn, to cable operators. So, there's nothing economically implausible about observing a negative value for any of these, in this case.

- Q You've now gone another level of speculation.
 - A It's not speculation at all.
- Q It is, quite. You are now speculating about the motivation of the producer of the program to make it a certain way that would make it of negative value to a subscriber that would be reflected in cable operator decisions as to how much they'd pay for them.
- A Not at all. I'm simply saying the choice of putting on a Local program by the station on which

NEAL R. GROSS

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

1	it's carried is motivated by factors other than the
2	likely revenues that it will fetch through the
3	payments of distant signal subscribers.
4	Q But we're trying to understand what appear
5	to be counterintuitive results if you say
6	A No, I categorically deny that. There's
7	nothing counterintuitive about getting a negative
8	number here.
9	Q And your suggestion about why it's not
10	counterintuitive is that channel surfers would be so
11	annoyed to have, on that particular channel that they
12	go past, to go past it, because they want to watch
13	every other program that they passed, that that would
14	somehow get translated into negative value with
15	respect to what the cable operator decides to do.
16	A · No. What I said was not counterintuitive
17	observing a negative number. This was an attempt
18	this is an attempt to try to understand why
19	subscribers might, in fact, place negative values on
20	them.
21	Q Wouldn't a more reasonable hypothesis be
22	that even if the marginal value of the station-
23	produced program on the next station that's added is
24	zero, or is negative, if the value from the cable
25	operator's perspective it would be zero? There's no

1 negative effect on taking extra programming and 2 putting it on --3 Only to the extent that -- suppose you Α carried a signal that had lots of stuff that nobody 4 For channel surfers, that would be a 5 wanted. 6 disadvantage. Often, when he turned to that station, 7 would find stuff he really didn't want and he'd say, "Geez, I don't really like this". 8 You know, the MPAA's viewing studies show 9 10 that there's some amount of viewing to station-11 produced programs on a distant signal basis. It's 12 not "never" watched. 13 And I gave you a perfectly good explanation Α 14 for why that's so. There's nothing inconsistent 15 between that observation and the observation that at 16 the margin an additional Local program has negative 17 value. 18 So, some non-trivial percentage of distant 19 signal subscribers actually view these programs so, 20 when they channel surf through, they stop and watch 21 it. 22 Α Correct. 23 And the other people who choose not to 24 watch it, also choose, every time they watch a 25 program, not to watch the other 60 offerings, isn't NEAL R. GROSS

1	that right?
2	A They may decide that they don't want to
3	subscribing isn't worth all that much to them if, in
4	fact, there's a lot of stuff on that they sort of
5	waste their time looking through.
6	Q So, that's your explanation for the
7	negative value.
8	A I don't want you to
9	Q If a cable subscriber, every time he surfs
10	through 60 channels, finds one to watch, and often
11	it's on different channels, it's not on the same one
12	or he wouldn't have to surf, that all the other
13	programs that he doesn't choose to watch each time he
14	surfs have negative value? That's the case, isn't it?
15	A I'm not sure I I couldn't follow the
16	sentence.
17	Q Every time he looks at a channel and says,
18	"I don't want to watch that", that has a negative
19	value for him.
20	A He turns on he checks this channel and
21	he finds stuff that often finds stuff he doesn't
22	like.
23	Q Every time he finds something he doesn't
24	like on every channel he doesn't watch.

I'm sorry, the sentences are not holding

A

1	together for me.
2	Q Isn't a more reasonable hypothesis that if
3	a cable operator's subscribers aren't interested in
4	additional station-produced programs, the value of
5	those programs would be zero, not negative, to the
6	cable operator?
7	A I'm saying there is no inconsistency in
8	getting negative value nothing inconsistent with
9	economic theory to say that a value is negative.
10	Q From the cable subscriber's perspective,
11	he's got 60 channels, and here comes the 61st, and it
12	has programs he wants, and it has a few he doesn't,
13	and he cancels his subscription, is that your
14	hypothesis?
15	A He may be simply going to pay less overall
16	for the subscription.
17	Q Because he has those extra programs that he
18	doesn't particularly like.
19	A If they could be avoided at no cost, there
20	would be no problem.
21	Q Now, you have rejected hypotheses before,
22	even if they were statistically significant where the
23	coefficient seemed wrong to you, isn't that right?
24	A Occasionally.
25	Q And you didn't do that in this case even

- 1	
1	though you came up with negative coefficients for
2	Sports, Devotional for everybody except your
3	client, the first time you went around for the
4	analysis?
5	A Say again.
6	Q You did not modify the analysis even though
7	you came up with negative coefficients for programs of
8	every claimant here except your client
9	A We did modify the analysis.
LO	Q You modified it so that you didn't have to
L1	defend that result.
L2	A Not at all. The results are statistically
L3	superior when hours are weighted by viewing.
L4	Q And you said emphatically that's
L5	significantly superior.
۱6	A Yes.
L7	Q Would you turn to your Table 1 at the end
18	of your testimony, and show me exactly where that is.
L9	And you've said in particular that there was a
20	significant reduction in unexplained variance by
21	A It's not in Table 1.
22	Q Well, let me say this. You said in your
23	direct testimony that theory was a significant
24	reduction in unexplained variance by adding the
25	weighting. Could you point to that in Table 1 for me, NEAL R. GROSS

1	please?
2	A I don't believe it's in Table 1.
3	Q Well, isn't a measure of unexplained
4	variance or explained variance, the adjusted R ² figure
5	that you have there?
6	A Well, let's go back and found out where it
7	is.
8	Q You've got a footnote that has the test of
9	statistical significance, but I wanted you to look
10	A It's in Footnote 35.
11	Q And that says that it's statistically
12	significant, the difference is statistically
13	significant, right?
14	A Correct.
15	Q And now would you look at Table 1, please.
16	A (Complying.)
17	Q Your unweighted analysis and by the way,
18	is that the first analysis that you ran, the
19	unweighted hours regression analysis, first in time of
20	the ones you've presented here?
21	A Yes.
22	Q So, when you first ran this analysis, your
23	adjusted R ² was .22, is that right?
24	A That's correct.
25	Q And that means that the hypothesis that you NEAL R. GROSS

1	made, the variables that you selected explained
2	that is, the programming time variables explained
3	22 percent of the variation in royalty difference, is
4	that right?
5	A Percent of changes in royalties, yes.
6	Q Then go to the top line there, that's your
7	Preferred equation where you weighted it all by the
8	viewing numbers provided by MPAA, and there your R2 is
9	what?
10	A .23.
11	Q So, now you've explained 23 percent as
12	opposed to 22 percent, is that right?
13	A Yes. There's obviously some extra decimal
14	places.
15	Q So, when you talked about a significant
16	reduction, you were referring to the statistical
17	significance of the difference between that 22 percent
18	and that 23 percent?
19	A It isn't quite that, but a more precise
20	statement of the test is in Footnote 34 or 35 35.
21	Q That suggests that the difference between
22	22 and 23 is statistically significant.
23	A That's a very loose way to make the point.
24	Q Okay. Now, finally, on this, do the
25	coefficients you've presented here and the shares that NEAL R. GROSS

1	you've urged on the Tribunal measured in 1990, or some
2	other period?
3	A It's a figure for the entire period, but we
4	did test to see whether, in fact, there were
5	differences across periods, and we concluded there
6	were no differences.
7	Q So, you're saying that, yes, those are the
8	numbers for 1990.
9	A Correct.
10	Q Okay. Let's go back and see exactly how
11	you did the study itself. If, as you suggested
12	well, first of all, if you could assign the first
13	station status to one of these A, B, C, and D carried
14	in the first half of 1989, you'd be able to allocate
15	some larger share of the \$1,000 to that station and
16	some lower shares to the others, right?
17	A I thought we agreed we couldn't do that.
18	Q I'm sorry if you could figure out which
19	was the first, you could do that?
20	A I'm not sure what that statement means.
21	Q Moving right to the next let's assume we
22	can't do that, all right?
23	A Assume we can't do that.
24	Q Right.
25	A Fine.

1	Q Then an appropriate way, assuming these are
2	all 1 DSE stations and we'll get to the differences
3	later but that \$1,000 could be divided up so that
4	it's a \$250 per station royalty fee, okay? You might
5	want to use your calculator on this because my math is
6	suspect.
7	A I'm not sure what you just said.
8	Q If a total of \$1,000 was paid for the four
9	signals, and you have no basis for ascribing the first
10	signal a higher rate, then a way to do it would be to
11	divide up the royalties, \$1,000 across all four
12	signals, right?
13	A I'm not sure no, that's not I'm not
14	sure I have a question. Are you assuming that you
15	pay the same percentage of royalties for the first,
16	second, third and fourth signal?
17	Q No, you pay a different percentage for the
18	first
19	A Then you cannot do what you just did
20	either.
21	Q So, your well, you've told me I can't do
22	the other either?
23	A Correct.
24	Q Okay. Well, I'm going to ask you to assume
25	that \$1,000 divided by 4 is \$250, are you with me on

1		that?
т	П	cnac:

- A I think I'll go that far with you.
- Q And \$1100 divided by 4 is \$275? Now, this one you might want to check me on. You are suggesting that this isn't right because one of these stations is worth more than the others?
 - A No, not at all.
 - Q Why?

A I'm suggesting because the cost of adding the fourth signal, whichever is considered the fourth since they're all, I guess, considered here for this hypothetical that they are the same except that they are added --

Q Some previous time.

A It's not a question of temporal. Each of those stations is the marginal station. If the system were to drop any one of them, it would save royalty payments based on whatever the payment is for "a" fourth signal, not "the" fourth signal.

Q Okay. So, another way to look at that -I'm sorry, I can't do that math in my head but, say,
the difference between the first DSE and second report
DSE rates represent \$200, that there would be some
\$200 fee paid for the first signal, but you can't tell
which one that is, and that each of the others would

NEAL R. GROSS

COURT REPORTERS AND TRANSCRIBERS 1323 RHODE ISLAND AVENUE, N.W. WASHINGTON, D.C. 20005

1	be worth a marginal price of \$200 which you would save
2	if you dropped it
3	A I'm not sure what the first \$200 is.
4	Q That's the premium for the first DSE.
5	You've said you can't ascribe it
6	A I'm not trying to be difficult, I'm just
7	trying to follow what you're saying. This system paid
8	\$1,000 if it carried signals A, B, C, and D, correct?
9	Q Yes.
LO	A You're not done. You've got another
L1	question to answer for me. Suppose it drops any one
L2	of them, what happens to its royalty payments.
L3	Q Yes. If you're looking at the difference
L4	in this period here, it would save less than a quarter
L5	of the \$1,000.
۱6	A Well, we're saying dollars. Tell me in
L7	dollars what it would save. Is it \$200?
L8	Q I can't.
١9	A What?
20	Q I've assumed it's \$200. My calculator is
21	not good enough to do that.
22	A You tell me in your hypothetical how much
23	you'd save if you drop a fourth signal.
24	Q \$200.
25	A Fine.

1	Q Over here, you save \$225. That is \$200 as
2	the premium for the first, okay? So that each of them
3	is now worth I understand what you're saying as
4	a potential signal to drop, \$200 in the first instance
5	and \$225 in the second.
6	A If I were to drop any of them.
7	Q Yes.
8	A There's no reason to have written \$225 four
9	times, it's the same number for all of them.
10	Q There's a reason for doing it. Now, let's
11	get to this period. You could follow the same
12	analysis, and plot the terms of value of saying
13	there's a \$200 premium for the first and help me,
14	help me \$1300 divided by 5, of course, is \$260.
15	Okay. So, your same way of allocating the value, each
16	one you drop would save you \$260 until you got to the
17	last one, and that would save you \$460.
18	A I wouldn't use the word "allocate" but,
19	yes, that's correct.
20	Q And that's an appropriate way of looking,
21	from the cable operator's perspective, at the dollar
22	amount attributable to each of the stations?
23	A It's the additional cost of carrying the
24	extra signal.
25	Q Okay. Now, let's look at how you did your

1	study. When you looked at this changed observation,
2	say, E was added. The difference between the
3	royalties across those two years is \$400. So, we
4	attribute \$400 change of total royalties, \$400 to the
5	change in programming represented by the addition of
6	E.
7	A That's the cost to the system of adding
8	that signal.
9	Q I'm not going to argue with you about what
10	it is. That then would leave \$1100 for each of these
11	\$275 for each of these, I guess
12	A \$225.
13	Q Right, I rewrote the number \$225 for
14	each of these. All right. That's the dollar part of
15	your study.
16	Now, let's look at the programming part of
17	your study. You used MPAA diary-based time and
18	viewing numbers, correct?
19	A That's correct.
20	Q Would you get out Joint Sports Exhibit 6-X,
21	if you still have a copy; otherwise, I'll provide you
22	a copy.
23	A Yes.
24	Q I'd like to confirm with you and with
25	counsel, if that's necessary, that this is the actual

l	
1	data that you used in your study, because that's why
2	it was sent to us and what it was represented to us as
3	being. Is that right?
4	A That's correct.
5	Q And as we've discussed before, you would go
6	to this data and find the 1990 viewing to A, B, C, D,
7	and E, and then calculate the difference when you add
8	to the others?
9	A It's actually a little more complicated
10	than that. Basically, we have the hours, but use the
11	viewing data to essentially rearrange the hours so as
12	to reflect the viewing data.
13	Q Okay. But if E had been added here in the
14	first half of 1990, you would have compared A, B, C,
15	D, and E viewing in 1990 with A, B, C, D viewing in
16	1989, is that correct?
17	A Did you say A, B, C, D, E in 1990-1?
18	Q Yes, A, B, C, D, E in 1990-1 and A, B, C,
19	D for 1989.
20	A Correct.
21	Q Now, your use of the MPAA viewing data
22	constrained your analysis, didn't it?
23	A I'm not sure what you mean.
24	Q Well, you were required to select only
25	certain signals for which you had MPAA's data, right? NEAL R. GROSS

1	A That is correct.
2	Q And I wanted to ask you to correct a
3	statement made in your direct if it was incorrect.
4	You say that you used every observation where you had
5	data for the changed or added signal which, in my
6	hypothetical, would be E
7	A No, for all the signals.
8	Q That's right. You had to have programming
9	data for A, B, C, D, and E in order to evaluate the
LO	effect of the addition of E, right?
L1	A That's precisely correct.
L2	Q And if you didn't happen to have D, even if
L3	you have, A, B, C and especially E, you had the
L4	programming data for the added station, you didn't
L5	analyze that situation at all.
16	A You needed the data for all of the
L7	stations. If I misspoke, thank you for correcting me.
18	Q Now, are you aware that the stations for
۱9	which viewing data was available was not a randomly
20	selected list of stations?
21	A I am.
22	Q Are you aware that not only was it not
23	randomly selected, but stations were omitted from the
24	list even though they met the criterion, based on
25	judgments made by MPAA about the programming on those

1	stations, about whether MPAA would be interested in
2	measuring the viewing of the particular programming on
3	individual signals?
4	A I'm not aware of that.
5	Q Are you aware that not only was it not
6	randomly selected, but as has been shown and, in fact,
7	acknowledged by MPAA's rebuttal this is in 1989
8	it underrepresents certain kinds of stations with
9	materially different I'll just say different
10	programming patterns than the ones that are included
11	in the study?
12	A I missed repeat that.
13	Q I'll start over. The list of stations
14	actually underrepresents network affiliates and PBS
15	stations as compared with the universe, in a way that
16	actually affects the viewing results category-by-
17	category.
18	A Let me say two things. I believe that Mr.
19	Lane, in fact, informed of that fact, that you might
20	actually raise this point.
21	Q Well, good.
22	A And I should say that that fact alone does
23	not necessarily mean anything about necessarily
24	have any effect on the results we obtained.
25	Q Because stations with materially different

1	viewing patterns are left out and others were
2	A Because you have to understand the
3	enterprise. The enterprise is to get at the value,
4	incremental value, of programs. We're estimating a
5	function, we're not computing averages.
6	Q And you think that it's not important to
7	have a representation well, if you don't what
8	you studied was every observation for which you had
9	data, right?
10	A We wanted an array of different situations
11	so we could, as you say, try to infer or determine the
12	value, marginal value, of programs in various
13	categories.
14	Q Infer the marginal value of programming in
15	various categories on those 342?
16	A Correct.
17	Q Now, let's summarize the limitations here.
18	By the way, when did Mr. Lane tell you that the list
19	of stations had not been randomly selected?
20	A Sometime in the last few days.
21	Q Not before you did the study?
22	A That's correct.
23	Q This is a question I asked you before the
24	lunch break. I want to try to get an idea of the
25	comparison of the amount that you studied to the total NEAL R. GROSS

1	potentially relevant universe.
2	Now, on page 20 of your testimony, and 21,
3	do you see that?
4	A I do.
5	Q You state that you began with 15,011
6	instances of carriage of particular stations by
7	particular cable systems, do you see that?
8	A Correct.
9	Q And those 15,011 instances of carriage of
10	distant signals were only on systems that changed in
11	the particular accounting period in which the distant
12	signals were carried?
L3	A Any change during the period.
L4	Q And the period you're referring to is six
L5	accounting periods, 1988 through 1990, right?
L6	A That's correct.
L7	Q So, if a system and there 1201 unique
18	ones changed in any one of those six accounting
۱9	periods, you counted all of the distant signals that
20	carried across all six periods, and that came up to
21	15,011, right?
22	A I believe that's correct.
23	Q So, that number doesn't count the distant
24	signals carried by systems that didn't happen to
25	change carriage during those six accounting periods,

1	right?
2	A That's correct, I believe, yes.
3	Q I'm going to ask you to assume a few
4	numbers for me here. One is that instead of 2500
5	cable systems, there were roughly 2,000 Form 3 cable
6	systems on average during accounting periods across
7	the period, but only an average of 2,000 Form 3
8	systems were carrying distant signals from 1988
9	through 1990. Are you with me so far?
10	A Fine.
L1	Q And I use that number because I think Mr.
12	Garrett's 2400 number was a number of unique Form 3
13	systems across that whole period, not the average
14	number per period.
15	If there are 2,000 systems roughly, do you
L6	know how many distant signal carriage incidents to
L7	expect over that period of time?
18	A From that 2,000? No, not at all.
19	Q Would you look at your Table 4. You did a
20	study of the average number of distant signals on your
21	342 observations and on other observations that didn't
22	make it into the final analysis, do you see that?
23	A I do.
24	Q Will you accept for me as a gross
25	approximation, that the average distant signals NEAL R. GROSS

	1
1	carried by Form 3 cable systems was roughly 3, just as
2	a conservative estimate? I can give you the Larson
3	data, it's actually higher than 3. That would make
4	how many incidents of distant carriage over the six
5	accounting periods? We have 2,000 systems on average,
6	and 3 distant signals on average
7	A Times 6.
8	Q And you have six accounting periods that
9	are covered. That's roughly 36,000 instances of
.0	distant signal carriage.
.1	A That seems right.
.2	Q Now, of that 36,000, about 15,011 were
.3	carried by the systems that also happened to have
.4	changes?
.5	A Correct.
.6	Q And that's something less than half. Now,
.7	of that 15,011, about you said that you came up
.8	with 1117 observations from 811 different cable
.9	systems in which there was a change during the period
0	of analysis. I guess that's the number of signals
1	that were changed by the systems
2	A No, because it could be more than one.
:3	Q But something over 1100, right?
4	A The number 1,000 is not comparable to the
5	number 15,000.

1	Q I know, but if
2	A No, by not comparable, I mean they are not
3	measuring the same thing.
4	Q That's right. Each one might be because
5	you substitute a signal
6	A No, 15,000 no. If a cable system
7	carried 3 distant signals, that's a 3 in one period
8	that's a 36,000 that's a 3 in your 36,000. Our
9	observations involved a number of instances in which
10	there was a change. In each of those, the systems
11	were carrying more than one signal. They're not in
12	the same units, is what I'm saying.
L3	Q Right. One thousand is the number of
14	A Incidents. That's why you and I, during
15	the break, pointed out that the use of the word
16	"incident" is a bit ambiguous here.
L7	Q Some of which incidents involved the
18	dropping or adding of one signal, some of which
L9	involved the dropping or adding of more than one
20	signal.
21	A No, the 15,011 include any instance in
22	which a system carries a signal. So, if a system is
23	carrying 3 or 4 signals, that counts as 4. If that
24	now becomes an observation in which somebody added
25	suppose they had gone from 3 to 4, that's not 4, NEAL R. GROSS

that's one observation, which itself contains several 1 components which involved the particular distant 2 3 signals which were being carried. My point is that comparing the 1,000 to 4 15,000 is just not a meaningful comparison. 5 I want to make sure we're clear on this. 6 We're going back to my attempted concrete example here 7 8 of a Form 3 cable operator. In the second half of 9 1989, the cable operator made four purchase decisions. 10 Α That's four of your 36,000. 11 And in 1990-1 it made another Q Exactly. 12 four, and in 1990-2 it made five. Right, and the change from '90-1 to '90-2 13 14 is one change of the 1100. 15 So that what you looked at, you 0 Exactly. 16 ignored -- your 1100 number -- in the circumstance in 17 which you ignored the '89 and '90 purchase decisions, 18 you ignored all the continuing purchase decisions, in 19 1990 you considered the one added signal as a purchase 20 decision, and that was an incident of observation. 21 Ignored is wrong, of course, because we 22 did, in fact, use those to calculate the percentage 23 change in program hours from period-to-period. It's 24 not fair to say that the other programs were ignored, 25 they weren't ignored.

1	Q Well, we're going to get to that, but
2	that's what I'm talking about. There were 1100
3	signals changed.
4	A If you're going to put 1,000 on that axis
5	there, I'm going to object if I'm allowed to.
6	(Laughter.)
7	MR. GARRETT: I get to rule on that.
8	BY MR. STEWART:
9	Q If you consider that E, the decision to
10	carry E one of 1100?
11	A It's not right to compare the 1,000 to the
12	15,000.
13	Q I'm trying to understand why. Wasn't that
14	weren't your 1100 observations
15	A Each of those 1100 observations contains
16	more than one of those 15,000 because those 15,000 of
17	incidents of actual carriage of a signal.
18	Q Right, and in my case it doesn't include
19	more than one because there's only one
20	A No, it does include all five.
21	Q Your 1100 includes all five?
22	A The 1100 doesn't include it, that's why
23	they are not comparable.
24	Q Well, will you concede for me that in 1990-
25	2 the cable operator made five purchase decisions?

ľ	
1	A Yes, I will.
2	Q And one of those purchase decisions was the
3	decision to add E?
4	A Correct.
5	Q And isn't that one purchase decision
6	doesn't that one purchase decision to add E isn't
7	it included in the 1117 number you put in your
8	testimony
9	A My objection to the formulation is that, in
10	fact, the other four signals are, in fact, included
11	information about them, in fact, is included in our
12	observation, and I don't want you to have the
13	impression that somehow they were ignored or
14	discarded. In fact, they were an essential part of
15	the analysis.
16	Q We can differ about that later, but am I
17	wrong
18	A There's no difference about it, I'm telling
19	you what we did.
20	Q That may well be, but did you count your
21	1117 by counting E as one in this hypothetical?
22	A Exactly.
23	Q That's one of the 1117?
24	A That's precisely correct.
25	Q And we can argue about the significance of

1 what I'm about to do --No, I'm not going to argue about it, I 2 Α 3 think it's just wrong. Maybe we ought to take a MR. STEWART: break now and let the Reporter recover a bit, if 5 that's convenient for the Tribunal. I'm willing to go 6 7 forward. I'd like to object to this, 8 MR. LANE: 9 unless Mr. Stewart is going to bring on a witness 10 during cross-examination -- during rebuttal phase. 11 This is an exhibit, in my opinion, and the witness has 12 specifically said that he disagrees with is and did 13 not support it. And unless Mr. Stewart can bring a 14 witness that will support it, based on what Dr. Besen 15 did in his analysis I will object to it staying on the 16 easel as an exhibit. 17 MR. STEWART: I'm not finished with this 18 analysis. I am going to get to what I think --19 MR. LANE: He may not be finished, but he's 20 putting an exhibit on --21 MR. STEWART: I'm not going to -- I'm going 22 to be clear about what I think the meaning of this is, 23 and talk to Dr. Besen about it. This 1117 number, I 24 believe the witness has now said, means what I thought

NEAL R. GROSS

it did, which is that's 1117 of those adds, drops and

COURT REPORTERS AND TRANSCRIBERS 1323 RHODE ISLAND AVENUE, N.W. WASHINGTON, D.C. 20005

25

changes. That's where we are now. can object to what he thinks implication -- the inference I draw from that may be, but I haven't gotten there yet. MR. LANE: He has made an exhibit in which he puts a number down and states that that number is comparable to the other two numbers on the exhibit. The witness specifically denied that that is true, indicated that it was completely wrong to do that, and it is not supported. CHAIRPERSON DAUB: Mr. Lane, would you object after Mr. Stewart finishes his line of questioning? I will object before he starts MR. LANE: and after he finishes and while he's doing it. (Laughter.) MR. LANE: This is putting testimony of Mr. Stewart, first of all who cannot testify in this proceeding, on the board as if it's truth. It is not truth. The only witness who can state what the truth is about the analysis, has told Mr. Stewart that it is wrong. He cannot put a piece of evidentiary analysis based on specific numbers that the witness denies,

NEAL R. GROSS

unless you're going to have somebody who supports

that.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

1	MR. STEWART: It's no analysis. These
2	numbers are from page 20 of his testimony. He says
3	there are 15,011 of these, 1117 of those, and I'm
4	trying to understand exactly what that is, and I've
5	gotten him to explain at some length what they are.
6	There's no analysis on here yet. And you all may be
7	able to see where I'm going but, when I get there,
8	maybe then we can
9	MR. LANE: There is an analysis which the
10	witness disputed, that the 35,000 and the 15,000
11	number are comparable to the 1100 number. He has said
12	repeatedly that they are not. And they are written on
13	the same table and proportionately put on the same
14	table as if they are comparable, and they are not.
15	MR. GARRETT: Madam Chairman, could I ask
16	that we go off the record, since I'm having difficulty
17	paying for these transcripts.
18	CHAIRPERSON DAUB: Yes.
19	(Laughter.)
20	(Discussion off the record.)
21	CHAIRPERSON DAUB: The objection is
22	overruled. Mr. Stewart, please continue your line of
23	questioning.
24	BY MR. STEWART:

Would you feel better if I put 1117 on its

Q

1	own page, Dr. Besen? This is the number of
2	observations you originally considered for your
3	analysis?
4	A Yes, depending on what else you put on, but
5	it certainly would improve the chart.
6	Q The next number that I want to put on the
7	chart, and you tell me if it belongs here or on a
8	third chart, the 342.
9	A You can put 342.
10	Q I can put 342 on this chart?
11	A Yes.
12	Q So that out of 1117 decisions to add, drop
13	or substitute signals that you originally identified,
14	you analyzed 342, right?
15	A That is correct.
16	Q And the 342 was determined principally
17	through the availability of data from MPAA on
18	programming, is that right?
19	A That is correct.
20	Q You eliminated some others even though you
21	had data, for other reasons which you describe in your
22	testimony.
23	A Correct.
24	Q So, it's fair to say that you didn't
25	consider at all roughly 21,000 purchase decisions made

1	by Form 3 systems during 1988 through 1990?
2	A If by purchase decision, you mean the
3	carriage of a particular signal during this particular
4	accounting period, that's correct.
5	Q Of the 1117 that were eligible, you
6	actually analyzed 342.
7	A That is correct.
8	Q And you wouldn't agree to my calculation of
9	a percentage involving these observations you analyzed
10	with any of the other numbers, the 15,011 number
11	A They are not comparable.
12	Q They are not comparable. Please explain to
13	me why.
14	A Because the 36,000 were all of the
15	instances in which a signal was carried, was carried
16	by a system, and the 1117 involve all the ones
17	involving changes.
18	Q So, your analysis is not intended to apply
19	to anything I guess, to anything above the 1117,
20	right?
21	A That's not correct.
22	Q Why not? You set about to analyze changes,
23	and there were only 1117 of those.
24	A That is correct. The inference you draw
25	from that is incorrect.

Q Okay. Why?

A You may recall, I described earlier why we chose to focus on the changes. We are trying to identify the marginal value of programs in various categories on the distant signals, and the best way to go about doing that, we concluded, was to look at instances in which there were changes in carriage of programs -- large changes in carriage of programs on distant signals. That does not mean that we did not intend to apply that to the carriage of all programs on distant signals.

This was simply a way to -- the best way -to get an estimate of the marginal value of programs.

Remember, that all programs are paid the value of the
marginal program and, if you have information about
the marginal program value, you have information about
the marketplace value of all of the programs in a
given category, a point that I've made before this
Tribunal at least on one occasion, and probably more
than that.

So, the fact that we have information on the marginal value -- that we used the information about the changes to determine the marginal value of programs, does not mean that those marginal values are inapplicable to the remaining observations.

l l	
1	Q Well, first of all, there are a whole bunch
2	of systems and signal carriage decisions that weren't
3	even considered, right? You started your analysis
4	only by identifying systems that happened to have
5	changes during the six accounting periods, correct?
6	A Correct.
7	Q And that wasn't randomly selected.
8	A We used every one we could get.
9	Q Then you were able to analyze only 342, and
10	that was not randomly selected out of the
11	A We used every one we could get.
12	Q So the answer is no, it was not randomly
13	selected.
14	A Correct.
15	Q Now, it is necessary, is it not, in order
16	to be able to project the results for my sample to a
17	relevant universe, to have some sort of in a
18	statistically responsible manner, to have selected the
19	sample in some way that is a probability sample of
20	some sort.
21	Q That is not correct.
22	Q You think that it's appropriate to use
23	inferential statistics to project results of a doubly
24	non-randomly selected system, is that right?
25	A What we did was use we're confusing two

1	things here. We're confusing the method by which the
2	values are estimated, with the universe to which they
3	apply. We estimated those marginal values in a way
4	that makes the most sense. We had instances in which
5	there were large changes in programming from which to
6	determine the marginal value of programs, and then we
7	applied that to the larger universe.
8	Q The larger universe meaning those
9	representing these figures?
10	A That is correct.
11	Q You took these on the second page here, the
12	342, and you claim that they represent the value of
13	all programs on the 36,000 distant signal carriages?
14	A We didn't do that, of course. We used the
15	equation to determine the marginal value of programs.
16	Q Marginal value of programs on particular
17	signals selected by MPAA on systems that have been (a)
18	to carry only distant signals that were on the list
19	selected by MPAA, and (b) made some change during
20	those six accounting periods.
21	A Yes, but with respect to the first point,
22	you have no reason to believe that the marginal values
23	inferred from that collection of stations is, in fact,
24	not representative.
25	O No reason to believe it's not

1	representative. All right. One other question for
2	clarification. If this system had an '89-1 this
3	hypothetical system carried A, B, C, D, and X, and
4	X had not been on MPAA's list, would you have analyzed
5	the carriage of E over here?
6	A I'm sorry?
7	Q Was a condition of eligibility for the 342,
8	that the system carry only stations for which you had
9	programming data for all six accounting periods?
10	A I don't believe so, no.
11	Q So, it's just for the accounting periods
12	that you wanted to analyze.
13	A Correct.
14	Q Now, in effect back to this last chart
15	showing the 342 your R ² statistics suggest that you
16	explained roughly 23 percent of the variance.
17	A There you go again. I don't want to make
18	this sound offensive, but it's important to label
19	it's important that the axes, in fact, have some
20	meaning. I mean, we've had three different the
21	third set of axes without any label on them creates
22	confusion.
23	Q Would you answer my question.
24	A The shaded area is what confuses me.

That your R^2 for your Preferred analysis

Q

25

1	suggest that you've explained 23 percent of the
2	variants in the increase or the changes in
3	royalties by the category changes that you've
4	A Correct.
5	Q Let's look now at the other data that you
6	used, and I'm going to give you a document labeled NAB
7	1990 Exhibit 43-X, and let me first represent to you
8	what this is and ask you to confirm that that's what
9	it is.
10	(Whereupon, the document
11	was marked for
12	identification as Exh.
13	No. NAB 43-X)
14	You have provided me a diskette on Tuesday
15	of this week that included the distant signal carriage
16	data for all of the systems covered in the 1117, I
17	believe, or something like that a database that
18	showed carriage statistics for a large number of
19	systems, is that right?
20	A That's correct.
21	Q And what I did with that diskette and what
22	this represents is to select out of that database the
23	systems that I believed were included
24	A I'm not certain that it's the 1117.
25	Q That's not relevant at this point. What I

1 did was to select what I thought were the 342 that made it into your analysis in the end, and I've given 2 you the first five or six pages of a printout that 3 presents that data. 4 5 Now, based on that description of what I did with the diskette that you provided me, could you 6 7 confirm for me that this is the carriage data that was used in your analysis, as a part of your analysis? 8 9 It has the same format. I obviously don't 10 remember each of the observations. 11 Next is a document I'm going to ask you to 0 label 44-X. 12 13 (Whereupon, the document 14 marked was identification as 15 16 No. NAB 44-X) 17 I'm providing you with a printout 18 another diskette you provided me last week -- I'm 19 sorry, this was provided this week because it includes 20 the change period which you recall we discussed, and 21 the only thing I did was just to move the Devotional 22 column from the far left to the far right. 23 know why it came out, when I printed it out, that way, but this is the entire contents of the diskette you 24 25 provided us, presenting the data that's represented

NEAL R. GROSS

for

Exh.

1	here.
2	Let me ask you, Dr. Besen, to confirm that
3	this is the data that you provided me?
4	A It seems to be in the same format.
5	Q And, second, to ask you to tell us what is
6	in this.
7	A This one, I believe, is the actual variable
8	values in the Preferred regression, but I'm not
9	certain about that.
LO	Q Well, let's go through column-by-column.
L1	The first column is Change, and that's the period in
L2	which there was a change that you analyzed.
L3	A Correct.
L4	Q Second is Sys ID, which is an identifier
l.5	for each of the systems?
L6	A It was one of the ones that CDC used as an
L7	identifier.
18	Q And the first two letters are a state code,
19	and the remainder are an identifier of the cable
20	system.
21	A I believe that's correct.
22	Q And the third column is the name of the
23	owner of the cable system?
24	A Correct.
25	Q The next column is labeled DeltRoyl, can

1	you explain what that is?
2	A I believe it's the percent change in
3	royalties, but I'm not certain.
4	Q You're not certain?
5	A I believe it is, yes.
6	Q And what are the remaining columns?
7	A There's a percent change in hours weighted
8	by viewing.
9	Q So that for the first entry here, this
10	Exhibit 44-X presents the information that in the
11	first half of 1990, this cable system owned by Cable
12	South, Inc. made a change that resulted in a reduction
13	in its royalties and a percentage reduction in the
14	weighted hours of programs in each of the categories
15	you've listed here?
16	A Appears to be the case, yes.
17	Q Can you help me, is the minus 0.55 a 55
18	percent reduction?
19	A I'm not certain.
20	Q You're not certain? Didn't you prepare
21	this?
22	A It was prepared at my direction. It makes
23	no difference where the decimal point is, as long as
24	they are done consistently.
25	Q Well, it does make a difference to me

1	
1	because I'm trying to understand this. Can you
2	ascertain
3	A I believe they are 55 percent.
4	Q So, the first one is a 55 percent reduction
5	in
6	A I believe so, yes.
7	Q And the next line below that, that's a 453
8	percent increase in royalties?
9	A That's correct.
10	Q And moving to the next column in the first
11	line, that's a 56 percent reduction in the viewing
12	weighted Local time?
13	A That's correct.
14	Q Now, why are Series and Movies broken out
15	separately here?
16	A I'm not certain.
17	Q Can you ascertain why they're broken out?
18	A I can, but not at this moment.
19	Q Pardon?
20	A I'd have to check with the person who
21	compiled the database.
22	Q Is he in the room?
23	A The person in the room may or may not know
24	the answer to the question.
25	Q Can we find that out before we proceed? NEAL R. GROSS

1	VOICE: I have no idea.
2	BY MR. STEWART:
3	Q The answer from your friend in the back of
4	the room is, he has no idea either.
5	A No, this is he has no idea. He does not
6	know. We'd have to check with the computer persor
7	that did this.
8	Q But it's your testimony that you did not
9	run a separate analysis for Series?
LO	A That is correct.
L1	Q Now, I haven't provided you a printout of
L2	the diskette you provided me on royalties themselves,
1.3	but you did provide me such a diskette, is that
L4	correct?
L5	A I believe so, yes.
L6	Q And along with that data showing the
L7	royalties, the programming data in Joint Sports
18	Exhibit 6-X, the carriage data in NAB Exhibit 43-X,
L9	and the royalty data which I haven't made an exhibit
20	out of, were all that was used to produce the
21	calculated numbers in Exhibit 44-X, is that correct?
22	A That's correct.
23	Q And then you took the calculated numbers in
24	Exhibit 44-X and performed multiple regression on
25	them? NEAL R. GROSS

,	A Commont
1	A Correct.
2	Q Which is not a crime in this state, I don't
3	believe.
4	(Laughter.)
5	COMMISSIONER GOODMAN: This is not a state.
6	MR. STEWART: Maybe it is a crime.
7	(Laughter.)
8	BY MR. STEWART:
9	Q Now, let's go through some of these
10	specific examples so we can get an idea of what
11	happened here. If you look at 43-X and let me
12	label them for you.
13	CHAIRPERSON DAUB: Mr. Stewart, right after
14	this line of questions, let's give our Reporter a
15	break.
16	MR. STEWART: This would be an appropriate
17	time to take a break.
18	CHAIRPERSON DAUB: We will take a five-
19	minute break.
20	(Whereupon, a short recess was taken.)
21	CHAIRPERSON DAUB: Back on the record. Mr.
22	Stewart, please continue.
23	BY MR. STEWART:
24	Q Dr. Besen, I'd like to use these exhibits
25	I've just given you, to take a look at a few specific NEAL R. GROSS

examples, and you'll be happy to know that I've 1 2 eliminated a bunch during the break. We're also going 3 to be looking at examples from the first two pages because, given the amount of time I've had to review 4 5 this, that's as far as I've gotten. Let's look at Exhibit 43-X which is the one 6 that shows the carriage, and 44-X which is the one 7 8 that shows the calculations, and the first system I 9 want to look at is the one with the identifier CAA720, 10 it's at the bottom of the first page of 43-X, do you 11 see that? -- the system with the identifier CAA720. 12 Α Yes. And it also appears on Exhibit 44-X as the 13 Q 14 fourth line, CAA720 King Videocable Company, do you 15 see that? Yes, I do. 16 Α 17 This is the first example, looking at 44-X, 0 18 of a positive delta royalty figure that is an increase 19 in royalties and negative factors for all of the 20 program categories, do you see that? 21 Α Yes. 22 0 That reflects the fact that there was a 23 reduction in programs on all categories, and an increase in royalties, right? 24 25 Α Correct.

1	Q Now, let's look at 43-X and just walk
2	through this step-by-step the first time. In 43-X,
3	you've organized station-by-station that is, any
4	station that was carried by that cable system across
5	these accounting periods is listed in a separate line,
6	correct?
7	A This is CDC's format, I believe.
8	Q This is the format you provided me.
9	A Correct.
10	Q And this carriage data actually covers 1987
11	through 1991, as indicated by those numbers at the top
12	of the columns. Do you see those?
13	A I'm sorry back to 43-X?
14	Q Yes, and if you look across the very top
15	A Correct.
16	Q there's '87-1, '87-2, '88-1, '88-2, do
17	you see that?
18	A Correct.
19	Q Each of those columns, if you then read
20	down, represents what station carriage there was on
21	that system for the accounting period that's
22	identified at the top of the column, correct?
23	A Correct.
24	Q And the ways that the stations are
25	identified are either "L" which means, what?

WASHINGTON, D.C. 20005

1	A Local.
2	Q Or "D" which is distant?
3	A Correct.
4	Q Or an "asterisk" which means it wasn't
5	carried during that period?
6	A Correct.
7	Q And also, before we look specifically at
8	CAA720, the "ST" and "ST1" columns that immediately
9	precede the accounting period columns identify the
10	type of station that it is, is that right?
L1	A That's correct.
L2	Q So, an "N" is a network affiliate, is that
L3	right?
L4	A An "N" in the first of the two columns, and
L5	the second is NBC.
L6	Q And "F" in the second column means the Fox
L7	affiliate?
18	A I guess so, yes.
L9	Q And "E" in the first column means what?
20	A Educational.
21	Q Let's look at CAA720, and you can tell
22	which period you looked at in one of two ways. One is
23	to read across all the Ls and Ds and find the first
24	change, and the other is to look back on Exhibit 44-X
25	and see in the Change column '89-2, is that right?

1	
1	A Correct.
2	Q So, if you look down the '89-2 column for
3	CAA720, we see that it carried a Local signal, Local
4	signal, it dropped KICU in the second half of '89,
5	correct?
6	A That is correct.
7	Q It carried the next three stations, and it
8	added KSCH, correct?
9	A Yes.
10	Q And it dropped KTVU, correct?
11	A Correct.
12	Q So, it dropped two stations and added one,
13	and the two stations it dropped, by the way, were
14	independent stations?
15	A Yes.
16	Q And the one it added was an independent
17	station, right?
18	A Yes.
19	Q So, under that scenario, wouldn't you
20	expect the royalties to go down, not up?
21	A You might.
22	Q You might?
23	A All I know is what actually happened to the
24	royalties.
25	Q If you look at your cable operator over NEAL R. GROSS

1	here who is looking to add a station in the next
2	accounting period, isn't your presumption that that
3	cable operator's going to anticipate additional
4	royalties if he adds a station and reduced royalties
5	if he drops a station?
6	A That's correct.
7	Q Rather than going through the process of
8	trying to guess why that was, let me hand you exhibits
9	that I have had marked 45-X and 46-X, which are
10	Statements of Account filed with the Copyright Office
11	for that system, for 1989.
12	(Whereupon, the document
13	was marked for
14	identification as Exh.
15	No. NAB 45-X and 46-X)
16	If you would look at Exhibit 45-X and turn
17	to the third page of it, you see there a list of
18	stations that the system carried.
19	A Correct.
20	Q None of them are identified as distant or
21	local, correct?
22	A That's correct.
23	Q That's because this system was a Form 2
24	system, which you can tell by looking at the front
25	page of the exhibit. It's a short for statement of NEAL R. GROSS

I	l i
1	account.
2	A Correct.
3	Q And that's true for both periods of 1989
4	for this system.
5	A Right.
6	Q I think if you look at the carriage list,
7	in the second half, you'll see the same adds and drops
8	that are indicated in the database you used, if you
9	compare those two lists of stations.
10	A Yes.
11	Q And, furthermore, you will see that between
12	the first
13	A I don't have time to compare them. I'll
14	take your word that they represent the changes.
15	Q That's fine. And if you look at these
16	statements of account, you would find that, indeed,
17	there was an increase in royalties between the first
18	half and the second half of 1989, paid by the cable
19	system.
20	A Yes.
21	Q Now, do you know the difference between a
22	Form 2 system and a Form 3 system in terms of how it
23	pays for distant signals?
24	A In general terms, yes.
25	Q What is that difference?

1	A I believe a Form 3 pays on the basis of its
2	actual signals carried. The other, I believe, is
3	based on some formula based on revenue.
4	Q So, it doesn't matter how many distant
5	signals the Form 2 system carries, it pays the same
6	rate, isn't that right?
7	A That's my understanding.
8	Q There's no additional DSE charge when it
9	adds a signal, and it doesn't save a DSE charge when
10	it drops a signal.
11	A That's my understanding.
12	Q So, in this circumstance, even though the
13	cable operator, in the first half of 1989, knew that
14	no matter how many signals he carried on a distant
15	basis, he paid the same percentage of his gross
16	receipts, made decisions about dropping two and adding
L7	one, is that right?
18	A That's correct.
19	Q And so he didn't have the same kind of
20	calculus facing him that a Form 3 cable operator had
21	in making a decision to add a station.
22	A Apparently not.
23	Q Let's look next at system CAA810
24	CHAIRPERSON DAUB: Mr. Stewart, before you
25	continue Dr. Besen, refresh my memory your study

Ŀ	
1	of these stations included mixed Form 2 and Form 3?
2	THE WITNESS: It was supposed to be all
3	Form 3 systems.
4	CHAIRPERSON DAUB: Thank you.
5	THE WITNESS: That was the database
6	supplied to us by Mr. Larson.
7	CHAIRPERSON DAUB: Please proceed.
8	BY MR. STEWART:
9	Q Let's look next at system CAA810, which is
10	on the second page of Exhibit 43-X, it's the second
11	system down.
12	A I have it.
13	Q Now, first and I'm sorry I didn't repeat
14	the column headings, but if you will go over to the
15	fourth column from the left is the second half of 1988
16	
17	A I'm not sure how far left I have to go.
18	Q To the first "D", the first column, that's
19	1987-1. The next is the second half of '87, next '88,
20	next second half of '88
21	A Why don't I just mark them.
22	Q I did that on my copy, and I'm sorry I
23	didn't
24	A How far do we want to go?
25	Q Fourth column.

1	A Counting from there.
2	Q Fourth column of distant carriage
3	information.
4	A Good.
5	Q In that one, KCAL is a distant signal, KCET
6	has been added as a distant signal for the first time,
7	correct?
8	A Correct.
9	Q And there are two local signals, and then
10	KQED is dropped as a distant signal.
11	A Um-hmm.
12	Q There's a local signal, and then KTLA and
13	KTVU as distant signals. The next one wasn't carried,
14	and the next one is WTBS as a distant signal, do you
15	see that?
16	A I see it.
17	Q So, that was a situation in which, as
18	compared with the first half of 1988, there were two
19	changes, in effect, KCET substituted for KQED as a
20	distant signal, correct.
21	A Yes.
22	Q But you didn't consider that a change, did
23	you?
24	A Because it was educational, no.
25	Q Now, your reason for not including NEAL R. GROSS

1	educational was what?
2	A We did not have program data for the entire
3	sample period for educational stations. In fact,
4	there were a number of periods for which there were no
5	program data.
6	Q And that's true for 1988 for KCET?
7	A Well, we generally wanted to estimate a
8	single equation for the entire period, so if there was
9	no educational program data for all the periods, we
10	simply decided, determined not to analyzed educational
11	programming.
12	Q I thought you told me otherwise. Did you
13	apply a different rule for commercial stations? That
14	is, if any distant signal during the entire six
15	accounting periods, was not a Nielsen listed station?
16	A We did not include any educational, that's
17	right.
18	Q You applied a different rule for
19	educational than for commercial stations?
20	A No, I believe that's the case. I'm sorry
21	yes, it is the case.
22	Q And if you skip over four more columns so
23	you are now at the third from the right, you see that
24	there is a again, KCET is added?

Correct.

Α

25

1	Q And you did have programming and viewing
2	data for KCET for 1990 and 1989, correct?
3	A I'm not certain. I know we did not have it
4	for several at least one of the years, and perhaps
5	more.
6	Q It's on your programming exhibit for 1989
7	that MPAA supplied you, and I can represent to you
8	that it's included in the 1990 viewing study presented
9	by MPAA to the Tribunal here.
10	A All I'm saying is, in fact, we did not use
11	educational stations at all. You are correct, it's a
12	different rule used.
13	Q So, staying in that column, that's the
14	third one from the right there, which is the second
15	half of 1990, you had a situation where KTVU was
16	dropped and KCET was added, and you analyzed only
17	changes resulting from KTVU's being dropped, is that
18	right?
19	A I'm sorry KCET
20	Q KCET was added.
21	A And which was dropped? I'm sorry, I'm
22	having trouble following you.
23	Q KTVU.
24	A That is correct.
25	Q But in analyzing programming changes on one

1	side and royalty changes on the other side, you did
2	not reflect the fact that there was a new distant
3	signal added, KCET.
4	A The educational one, correct. We never
5	took account of educational stations.
6	Q Even though you had data to do so in this
7	case.
8	A The reason for that is that, in fact, we
9	wanted to estimate the same equation across all
10	periods, and you couldn't simply pick and choose to
11	include it some of the time and not in others.
12	Q But you did that for commercial stations,
13	or you're missing data for one of the distant signals
14	
15	A No. Remember, we tried to estimate
16	coefficients for the educational stations. It's not
17	quite comparable.
18	Q In any case, you didn't consider them at
19	all, even when they were coupled with changes in
20	commercial stations.
21	A We couldn't, given the approach we were
22	taking, that's correct.
23	Q Next, let's look at CAB310, which is at the
24	bottom of the second page of Exhibit 43-X. If you
25	look at the KMEX line in there, and just go over to NEAL R. GROSS

1	the first asterisk. That's the period that you
2	analyzed as part of your study?
3	A I can't that
4	Q It's just the first
5	A I can '89
6	Q Well, you've confirmed that it is the
7	period
8	A Well, I thought this other one says that
9	'89-1 is the first. I may have miscounted. You're
10	correct, it is '89-1.
11	Q Okay. Now, looking back at 44-X, here we
12	have a situation where the change in royalties was
13	negative, a 19 percent drop in royalties, correct?
14	A Correct.
15	Q And changes in all of the other program
16	categories are negative, except for what you call
17	Local.
18	A Not what we call Local, what are Local.
19	Q No, they are not Local, they are station-
20	produced programs.
21	A I'm sorry. Yes.
22	Q Now, how could that be? We have here no
23	change in distant signals except that a station is
24	dropped. Why do you show an increase in station-
25	produced programs?

1	A I'm sorry? Are you saying there's an error
2	in the database?
3	Q I'm asking you to explain how it is that
4	your study shows that when you drop a signal
5	A Oh. Because there could have been an
6	increase in Local programs on other signals.
7	Q Right. So that here you have a situation
8	where, in the first half of a year, you drop a station
9	which would lead you to believe that you're going to
10	have less programming in all categories, but the way
11	you've compared it you looked at the viewing available
12	in 1990 on these remaining stations, and compared
13	I'm sorry the viewing weighted time available for
14	those same stations in 1989, right?
15	A That's correct.
16	Q So that if it were carefully measured, you
17	would suggest that there was an increase in Local
18	programming, what you've called Local programming on
19	A, B, and C, so that even though D was dropped and
20	with it went some station-produced programs, overall,
21	the amount of station-produced programming increased?
22	A Apparently that occurred, yes.
23	Q Well, let's see if that occurred. What
24	data did you use for 1989?
25	A It would have been for the stations that

1	were on in '89-2.
2	Q Well, you used data for the entire year, is
3	that right?
4	A Correct.
5	Q Of 1989?
6	A Correct.
7	Q You didn't look to see whether there was a
8	difference between the first and second half of 1989
9	in those programs?
LO	A I don't believe there were separate data to
L1	do that.
L2	Q There is separate data to do it, but you
L3	didn't separate it out, correct?
L4	A I'm not certain.
L5	Q And, similarly, if you used full-year data,
L6	or which you are not certain at this point, you would
L7	have measured the station-produced programs on these
18	signals as reported by MPAA's viewing study throughout
۱9	1990. You compare all of 1990 to all of 1989, you
20	conclude that there's a change over that accounting
21	period?
22	A Correct.
23	Q So, the fact that as you measured it, the
24	station-produced programs on A, B, and C went up,
25	despite the fact that you dropped a station. Is the NEAL R. GROSS

1	station-produced program category a negative
2	correlation?
3	A They are negative in that observation,
4	correct.
5	Q And if you sum enough of those, it is that
6	kind of observation that produces a negative
7	correlation in the final coefficient
8	A I don't believe that's the case at all, and
9	there's no reason to draw that inference. There are
10	lots of observations here. One cannot selectively
11	pick out an observation and say that is the reason for
12	the results.
13	Q It's part of your data, isn't it?
14	A It's part of the data.
15	Q and the way you handled this particular
16	situation was that even though a station was dropped,
17	it showed an increase in the viewing.
18	A Those were the way the variables were
19	defined, correct.
20	Q Now, next, if you turn to just the top of
21	the next page of Exhibit 43-X, you'll see the
22	continuation of CAB310. And there aren't anymore
23	changes in that period, that's the first half of '89 -
24	_
25	A I've lost track of which column it is.

1	Q Fifth column over from the left.
2	A Okay. You say there are no changes in the
3	fifth period?
4	Q No more changes in distant signals in the
5	fifth period.
6	A Oh, yes.
7	Q But there is a change, isn't there? The
8	addition of XEWT, Tijuana, Mexico, as a Local station.
9	Did you consider that in your analysis?
10	A No.
11	Q Would the dropping of one Spanish language
12	station and the addition of another Spanish language
13	station suggest that you ought to consider both of
14	those events if you are trying to calculate the impact
15	on royalties or on market value of changes in
16	programming on that system?
17	A Well, remember, we are trying to get the
18	value of programs on the distant signals.
19	Q So, you ignored all Local programming,
20	correct?
21	A That's correct.
22	Q And if you look at some of these systems
23	back on the first page of 43-X, they are just jam-
24	packed with Local systems and they've got relatively
25	few distant signals, right?

- 1	
1	A Which page are we on?
2	Q The front page of 43-X, that Arkansas
3	system, ARR300, they've got lots of Local stations and
4	one or two distant stations, right?
5	A Correct.
6	Q When you did your analysis to decide how
7	much change in programming of different types there
8	was, you only compared the one distant signal that was
9	added with the other distant signal that was already
10	carried
11	A That is correct.
12	Q And there are Syndicated Series and Movies
13	on Local stations, aren't there?
14	A Correct.
15	Q And the marginal change in Syndicated
16	Series and Movies on that system is very different if
17	you look at it based on how much Syndicated Series and
18	Movies you had across all the broadcast stations you
19	carried versus just the distant signals, correct?
20	A I'm sorry, I missed the question.
21	Q Lots of Syndicated Series and Movies
22	already on the system.
23	A Correct.
24	Q If all you measure is the difference in
25	distant signal Syndicated Series and Movies, you come NEAL R. GROSS

1	up with a very different result.
2	A It would depend on whether, in fact, the
3	changes in Local signals were, in fact, correlated
4	with changes in the distant signals.
5	Q Changes in Local signals?
6	A Correct.
7	Q Now, let me make sure we get this straight
8	here because you compare just looking only at
9	distant signals, you compare the change across all the
10	distant signals, even those that you continue to
11	carry, correct?
12	A Correct.
13	Q You're not suggesting that we have to apply
14	different rules to Local signals?
15	A We're trying to get the value of the
16	distant signals.
17	Q If you're trying to figure out the marginal
18	difference in the amount of Syndicated Series and
19	Movies carried on that system, don't you get a very
20	different number? It doesn't depend on the changes in
21	Local signals, does it?
22	A I'm sorry, I missed the antecedent of "it".
23	Q If you had 1,000 hours of Syndicated Series
24	and Movies on Local signals, and it made no change in
25	Local signal carriage, those 1,000 hours kept plugging NEAL R. GROSS

1	away. You had two distant signals and the first one
2	had 50 hours, and you continued to carry that. The
3	one that you added had another 50 hours. That would
4	be, in your view, 100 percent increase in the
5	Syndicated Series and Movies, correct?
6	A On distant signals.
7	Q But from the perspective of the cable
8	operator, assessing marginal value of Syndicated
9	Series and Movies, don't you think I'm not going to
10	ask you whether it was relevant you'd get a
11	different result if you considered his 1,000 hours
12	that he already has, wouldn't you?
13	A I'm not sure I know the difference of if I
14	considered them.
15	Q Well, if you measured the change on the
16	base of all Syndicated Series and Movies available on
17	all stations carried by the system as opposed to just
18	the distant signals, you'd get a very different
19	result, would you not?
20	A The value of the variable would differ. If
21	you did this, the coefficients would differ.
22	Q Do you believe in the maxim "garbage in-
23	garbage out"?
24	A I'm sorry?
25	Q Do you think that the accuracy of your data

1	having accurate data is important to having
2	reliable results of a study such as this one?
3	A Yes, I do.
4	Q Do you know whether the viewing data and
5	time data that you've used in your analysis is
6	accurate?
7	A We did not independently verify the data
8	other than to, as I said before, to correct obvious
9	inconsistencies and to blow up the numbers where they
10	were available only for four or five months.
11	Q Is this printout that we're looking at
12	before or after you corrected those errors?
13	A I believe it's got the corrections.
14	Q I'm going to hand you I'd like you to
15	look at JSC Exhibit 6-X, and find on the front page of
16	that KCNC for 1990 that's observation number 20, do
17	you see that?
18	A I have it.
19	Q And read over to the Sports column. Do you
20	see 0.0 for the time there?
21	A I do.
22	Q I'm going to hand you a copy of Exhibit
23	MEK-8, which is the diary-based viewing study that's
24	been presented for 1990 here, and this is the last
25	page of it which summarizes results, and ask you to NEAL R. GROSS

- 1	
1	look at the Major Sports column and see whether
2	there's any time and viewing for Sports programs in
3	that printout?
4	A There's 24 quarterhours.
5	Q And how much viewing?
6	A Viewing hours, 66,000.
7	Q That does not appear in Exhibit 6-X, which
8	is the data that you used, correct? that is, any
9	Sports programming minutes during 1990?
LO	A I don't if this number is supposed to be
L1	the same as this number, they are obviously not the
L2	same numbers.
L3	Q I believe we have established that MPAA
L4	diary-based viewing study's time and viewing numbers
L5	are what was supposed to have been used in the
L6	regression analysis.
L7	A They were used.
L8	Q In that instance then, the numbers that you
L9	used are different from the numbers that have been
20	presented to the Tribunal, right?
21	A They were the numbers supplied to us by the
22	MPAA.
23	Q That's fine, but you've confirmed that they
24	are different as between those two
25	A If that number obviously, I don't know

the source of the numbers you've just placed before 1 2 me. Are you aware of program classification 3 Q errors made by MPAA in prior years' proceedings, in 4 5 viewing studies it's presented to the Tribunal? 6 Α No, I'm not. 7 Let me suggest to you that the Tribunal's Q 8 decisions will reveal that MPAA categorized a number of station-produced programs as Syndicated Series in 9 10 initial version of its viewing study, 11 particular on the superstations, and those misclassifications were corrected during the course of 12 the hearing and the corrections were accepted by the 13 Tribunal. 14 15 Do you know whether the data you've used 16 are the corrected data in terms of those program 17 misclassifications? 18 I do not know. 19 Q Finally, I'm going to hand you something 20 that has been numbered twice, actually -- go with the 21 second number, 47-X, and I will represent to you that this is a page copied from the printout of the final 22 23 results of the six-cycle viewing study presented by 24 MPAA in the 1989 proceeding.

(Whereupon, the document

COURT REPORTERS AND TRANSCRIBERS 1323 RHODE ISLAND AVENUE, N.W. WASHINGTON, D.C. 20005

25

for marked 1 was identification as 2 Exh. No. NAB 47-X) 3 I'd like you to turn to page 10 of JSC 4 5 Exhibit 6-X and, at the very bottom of that page is a 6 line number, 290? 7 I have it. Α 8 And if you see by reference to the top half 9 of the page, that's viewing data for WPIX for 1989, do 10 you see that? 11 Α Yes. 12 Now, the first column is viewing to Movies, O 13 and it shows 294,769 on JSC Exhibit 6-X, do you see 14 that? 15 Α Yes. 16 Can you find the comparable viewing number, 17 it's called Total HH Viewing Hours for Movies on 18 Exhibit 47-X? 19 It says 36 million-odd-something. 20 Q If you go over two columns to Sports, 21 you'll find a similar discrepancy, and there is a 36 22 million number on the data that you used and back on 23 the actual study it shows 5 million, and Devotional 24 programs are 63 million in the data that you used and 25 are 294,000 on the MPAA viewing study, do you see

1	that?
2	A Yes.
3	Q Now, if I were to represent to you that of
4	your 340-some observations, roughly 20 of them
5	involved adds or drops of WPIX in which 1989 viewing
6	data would have been used, does that sort of garbled
7	data suggest to you that there might be a problem with
8	the final results of this?
9	A It might create a problem, yes.
10	Q Are you aware of any other errors in the
11	data that was used?
12	A No.
13	MR. STEWART: Thank you, I have no further
14	questions.
15	CHAIRPERSON DAUB: Thank you, Mr. Stewart.
16	Mr. Hester?
17	COMMISSIONER GOODMAN: Could I ask a
18	question while he's doing that?
19	CHAIRPERSON DAUB: Sure, go ahead.
20	COMMISSIONER GOODMAN: I don't understand -
21	- Dr. Besen, I'll ask you this about your exhibit, or
22	maybe, Mr. Stewart, I'll ask you a question.
23	On 43-X, under the first station column, I
24	take it that's either the network or educational or
25	independent. The second one, ST1, what is that? I NEAL R. GROSS

1	think somebody said Mr. Stewart, I think you said
2	it that "N" would mean NBC, for example. What does
3	"S" mean?
4	MR. STEWART: Spanish or Specialty. That's
5	for an independent station.
6	COMMISSIONER GOODMAN: I think it was on a
7	Tijuana station in California, I think CAB310, which
8	is on page 3, why wouldn't that have an "S"?
9	MR. STEWART: I think Cable Data
10	Corporation doesn't provide that the same initial.
11	COMMISSIONER GOODMAN: Why wouldn't KVEA
12	under CAC770, on page 4 that's another Spanish
13	station or is that just not sufficiently important
14	and that just got dropped off of those attributions?
15	MR. STEWART: This is not my database, it's
16	a printout of the data that was provided to me by Dr.
17	Besen, which I take it was provided to him by Cable
18	Data Corporation, so I don't know the answer to that.
19	COMMISSIONER GOODMAN: I'm not sure it's
20	totally relevant, I'm just trying to understand the
21	column, and I suddenly noticed that the letter wasn't
22	there.
23	MR. LANE: The specialty stations are
24	designated by the Copyright Office through regulation,
25	and what is a specialty station at one point NEAL R. GROSS

1	specialty stations were defined by a 1972 FCC
2	decision, and they pretty much bore no relationship to
3	reality. I don't know whether this is a new station,
4	or it just didn't make it to the specialty station
5	list. The list is updated every three years by the
6	Copyright Office, by regulation. So, whether that's
7	the reason here, but that could be an explanation. It
8	may, in fact, be a specialty station, as we all know,
9	but it just never made it into the regulations.
10	CHAIRPERSON DAUB: Maybe it was below 50
11	percent of the program
12	MR. LANE: There could be a lot of reasons.
13	COMMISSIONER GOODMAN: It's now a Spanish
14	station, but maybe it wasn't three years ago or
15	whenever it was.
16	MR. LANE: That could easily be
17	COMMISSIONER GOODMAN: What does "P" mean,
18	do you know?
19	MR. STEWART: I believe that's a low-power
20	station.
21	COMMISSIONER GOODMAN: The unrelated study
22	that you ran, I think you said that was the first one
23	you ran?
24	THE WITNESS: It was the first of the ones
25	the question I was asked, was it the first of the

1 ones that appear on this chart. That's an 2 COMMISSIONER GOODMAN: Okay. analysis that you aren't endorsing, or how would you 3 4 phrase that? 5 THE WITNESS: That's correct. 6 COMMISSIONER GOODMAN: Why not? Because the equation with 7 THE WITNESS: 8 weighting by viewing, in fact, is statistically 9 superior to this one. One can conduct -- as Footnote 10 35 reports the result of the statistical comparing the 11 weighted regression -- we call that the Preferred 12 equation -- and concludes that, in fact, using the 13 in a significant weiahts results reduction 14 unexplained variance and, therefore, we prefer the 15 equation as weighted by viewing. 16 COMMISSIONER GOODMAN: Why did you include 17 it then on the tables? 18 THE WITNESS: Why do we include it? Ι 19 suspect -- somebody might have suspected that, in 20 fact, the results were an artifact of the weighted. 21 And so in anticipation that someone might ask us what 22 would happen if the equations were unweighted, the 23 variables were unweighted, we reported it. 24 COMMISSIONER GOODMAN: I understand. 25

NEAL R. GROSS

me go back to negative value.

I was trying to

understand that. Your analysis is essentially a statistical analysis, is that right?

THE WITNESS: That's correct.

COMMISSIONER GOODMAN: Your statement that
-- in which you explain why there might be a negative
value to Local programming, is that speculative? Is
that hypothetical? How would you phrase that?

at the time was, is it plausible that, in fact, a coefficient for one of these shares could be negative. And what I suggested by my answer was that if this were an ordinary commodity sold in an ordinary market, one, in fact, would regard a result of a negative coefficient as implausible. There is less reason to believe it's implausible here because of the nature of the way the products are constructed and because of the nature of the market in which they are exchanged. If this were a true market, in fact, there would be no -- as opposed to a compulsory license, one would not observe negative values. That would, in fact, be inconsistent economic rationality.

What I was trying to suggest in my somewhat extended answer to Mr. Stewart was that, in fact, as a matter of economic logic, given the nature of this market, one cannot rule these out on the ground simply

NEAL R. GROSS

that they are implausible.

COMMISSIONER GOODMAN: I think my last question is of you, Mr. Stewart, and I may have missed it. I heard you state to the witness that "what you've just said is time plus fee-generation", which the Tribunal has thrown out. Was that in response to a comment he made, or to a study? What was that in response to?

MR. STEWART: I thought that what I said was that "you've just identified a principal reason why the Tribunal has thrown out time plus feegeneration, which is that if you have those four signals, it's hard to say that one is worth more than the other. We don't know how to allocate the total price paid among those four stations, and that's a problem with ascribing any price to each of the four stations and then just multiplying it through. That is one of the reasons that the Tribunal has cited in rejecting time plus fee-generated in the past, and that was something that Dr. Besen articulated.

COMMISSIONER GOODMAN: Is that --

THE WITNESS: I don't know the history of the dispute. All I was answering was the specific question about Mr. Stewart's hypothetical, and I think, in response, he simply said yes, and the NEAL R. GROSS

COURT REPORTERS AND TRANSCRIBERS 1323 RHODE ISLAND AVENUE, N.W. WASHINGTON, D.C. 20005

1	analysis I had done was consistent with past Tribunal
2	decisions. I suppose that's an interpretation.
3	MR. STEWART: I think the transcript will
4	speak for itself. I wasn't under oath either.
5	COMMISSIONER GOODMAN: Those are all my
6	questions. Thank you.
7	CHAIRPERSON DAUB: Mr. Hester?
8	MR. HESTER: Good afternoon, Dr. Besen. My
9	name is Tim Hester, I represent PBS.
10	CROSS-EXAMINATION
11	BY MR. HESTER:
12	Q Let me ask you at the outset whether you
13	prepared any other specifications of this model that
14	you have developed, that are not reflected in the
15	tables at the end of your testimony?
16	A Yes.
17	Q Could you describe some of those
18	specifications that you recall, please?
19	A Yes. There's basically two well,
20	really, only one. At the outset of our analysis, we
21	considered equations in which the dependent variable
22	was the change in Basic subscriber revenues, in
23	addition to considering changes in royalties, both
24	obviously in percentage changes. And that was an
25	analysis that we carried out for a while before we

realized that, in fact, that was theoretically incorrect to do. It was both -- well, when we realized it was theoretically incorrect, we abandoned that particular line of analysis.

Q What was the reason you began with that line of analysis? Did you see revenues as a way to look at the value to cable operators of distant signals?

I quess the short answer is that we Α didn't think about it as clearly as we should have. The reason is that obviously one of the things that's affected when a cable system adds a distant signal is that it expects to get additional Basic subscriber revenue. The problem with that analysis is that, as I indicated both in the written testimony and this morning, there are other sources of additional revenue that are associated with the addition of a distant If you add a distant signal and you add some Basic subscribers, additional of those some subscribers will take other services. There may be additional advertising revenues because viewing on some other services are increased. As a result of that, you expect to get additional revenue sources other than basic subscriber revenue. And for that reason, Basic subscriber revenue only imperfectly

NEAL R. GROSS

COURT REPORTERS AND TRANSCRIBERS
1323 RHODE ISLAND AVENUE, N.W.
WASHINGTON, D.C. 20005

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

	increases in Basic subscriber revenue only
2	imperfectly measure the value of adding a distant
3	signal. And when we realized that, we abandoned that
4	particular line of analysis.
5	Q There is a way to separate out the revenues
6	that are attributable specifically to subscriptions to
7	cable services as compared to revenues or
8	A Yes, but you'd have to identify or link
9	those to the change in the distant signal, and that
10	would be extraordinarily difficult. The alternative
11	approach is to simply treat the additional royalty
12	payment as a measure of the additional revenue from
13	all sources, and that's a much more straightforward
14	way to proceed.
15	Q Let me ask you, on this approach where you
16	were looking at Basic revenues, did you run it through
17	to the point where you were getting some results?
18	A Yes.
19	Q And do you recall what the share was, for
20	instance, for Movies and Series?
21	A My recollection now is overall the results
22	were very poor, but the share of Movies and Series was
23	highly significant, as in this one, and the other
24	I really can't remember the others, but they were, in
25	fact, generally not significant, and the overall NEAL R. GROSS

1	explanatory power of the equation was quite poor.
2	Q When you say the results were very poor,
3	what are you referring to?
4	A Basically, overall explanatory power,
5	things like the R_2 , these were not here is a case
6	where one actually learned something from doing the
7	analysis. In fact, usually one thinks of theory as
8	informing empirical work. Here is a case when after
9	one did the empirical work, one realized there was
10	something wrong with one of the theories.
11	Q What was the R_2 value, do you recall?
12	A They were very low, I can't even recall
13	well below 10 percent, I believe.
14	Q And do you recall what the coefficient was
15	that you estimated for Movies and Series?
16	A I can't now with any detail, no.
17	Q Do you recall that it was lower than the
18	number that you have on this board behind you, 90
19	percent?
20	A My recollection now, and it's dim because
21	we abandoned this approach a long time ago, is that,
22	in fact, the coefficients of the other categories,
23	categories other than Movies and Series, were, in
24	fact, either zero or negative, and that, nonetheless,
25	Movies and Series turned out to be significant but, in NEAL R. GROSS

1	fact, the overall explanatory power of the equation
2	was quite poor.
3	Q But do you recall whether it was below the
4	90 percent number?
5	A I do not.
6	Q Any other specifications that you looked at
7	aside from the one you've been describing?
8	A Well, we carried out the analysis using the
9	unweighted data for a while, at which point we
10	concluded that, in fact, the weighted equation worked
11	a lot better than the others and, at that point, we
12	primarily entirely carried out our analysis in
13	terms of the Preferred equation as a reference point,
14	and other equations relative to it.
15	Q Now, you mentioned the R_2 value, and am I
16	right that the R ² value for your Preferred
17	specification is 23 percent?
18	A It's approximately that, yes.
19	Q And the R ² is a measure of the extent to
20	which you are explaining the variation in the
21	dependent variable with your equation, is that right?
22	A Correct.
23	Q And so a higher R ² is an indication of a
24	better fit?
25	A Correct.

1 2

3

4 5

6 7

8

9 10

11

12

13

14

15

16

17

18

19

20 21

22

23

24

25

So, in this instance, 77 percent of the variation that we see in the dependent variable is not explained by your equation, is that right?

That's correct. I would just sort of add, sometimes R2 can be a misleading measure, or at least comparative R2 can be misleading. The R2 we have here, for equations like this one in which we're using cross-section data and we're looking at first changes for differences, in effect, the R2 that we have is actually quite substantial for this type of work. This is not a low R2 by what you generally tend to expect in equations in which you're explaining first differences. Moreover, the statistical significance individual coefficient, particularly the coefficient on Movies and Series, is, in fact, very significant.

But when you have a low R2, what it tends to suggest is that there are other variables that you haven't included in your equation that would provide further explanatory power, isn't that right?

Not necessarily. It's possible that the other remaining variation is random. In fact, one hopes that, in fact, that's the case. One generally does not expect -- one generally gets suspicious when equations have R2 that are .999 or whatever, because

- I	those generally speaking, there are going to be
2	random factors in any economic relationship that can't
3	be explained by any variables. And so I would quibble
4	with the notion that there are omitted variables. It
5	is entirely consistent with the fact that there are
6	simply just random factors that, in fact, can't be
7	explained by economic variables.
8	Q Well, or things that you haven't explained
9	by your equation.
10	A Well, there could be either one of those
11	two. All I'm saying is that your question seemed to
12	imply that if only we had gotten the right set of
13	variables, we would have gotten the R^2 up to 1, and
14	I'm saying that's not a reasonable expectation.
15	Q Right. I guess a better way to put it is,
16	there are things that are difficult to measure in an
17	econometric formula. There are certain things that
18	are just simply difficult to predict this way.
19	A Yes, and, in fact, those things, for
20	example, of course, that are random elements. You are
21	not by definition, cannot explain them.
22	Q Right. So that the precision that one
23	draws out of a formula like this has to be tempered by
24	the recognition that there is, in fact, a lot of
25	variation that you are really not explaining through NEAL R. GROSS

1	this formula.
2	A That's correct.
3	Q And, again, going back to what you said at
4	the outset, I take it you looked to the R2 value as an
5	important reason for discarding this first approach
6	that you were looking at.
7	A Well, not that alone. It's also the case
8	that the precision of the other coefficient seemed to
9	be very poor. One way to think about it is again,
LO	I think this is a case where the theory was important
.1	to us that the results for the royalty equation
L2	were much better in all respects. When we thought
L3	about it a little harder, we realized that, in fact,
L4	that is the variable we should have been using all the
L5	time.
۱6	Q But you could have gone back and separated
L7	out Basic subscriber revenues from these other sources
18	of revenue, if you had wanted to.
۱9	A I think that would have been no, I think
20	that would have been a virtually impossible
21	undertaking.
22	Q You don't think the data were available?
23	A One would have had to, in fact that's
24	right, we will have identified the changes in all of
25	the others. In fact, we were given Basic subscriber NEAL R. GROSS

1	revenue. It turns out that royalties is a very good
2	measure because the royalty your willingness to pay
3	additional royalties reflects the revenues you get
4	from all sources. So, in fact, that stands in as a
5	very good proxy for the incremental revenue from all
6	sources.
7	Q Couldn't it well be the case that you
8	received much more in revenues from carrying an
9	additional distant signal, than you have to pay as a
10	compulsory license? Isn't that
11	A That's correct, but, remember, these are
12	measured in percentage terms, number one. Yes, the
13	point is you get some extra revenues. Those are not
14	all extra profits. In any event, there are revenues
15	from a variety of sources, all of which you have to
16	take into account.
17	Q But there could well be situations where
18	because the compulsory license is a set figure, that
19	the cable operator could reap much more in revenues
20	and profits from carrying the distant signal, than it
21	has to pay as a compulsory license.
22	A That's what it hopes to be able to do.
23	Q Right. And that follows from the fact that
24	we have a compulsory license fee set by statute as
25	compared to the market, right?

1	A Well, I would just add one point, that a
2	rational profit maximizing cable operator ought to be
3	adding distant signals to the point where the
4	additional revenues from all sources, from adding the
5	last signal, is at least equal to the additional
6	royalty payments.
7	Q Well, that's not literally right, is it,
8	because when the cable operator adds a distant signal,
9	it has opportunity costs, doesn't it?
10	A Those are all to be reckoned in the
11	calculation.
12	Q No, but the opportunity costs are an
13	additional cost above and beyond the cost of the
14	compulsory license that the cable operator takes into
15	account in deciding whether it's going to carry that
16	additional distant signal.
17	A I'm not sure which opportunity cost you're
18	referring to.
19	Q Well, are you aware that there's a fixed
20	number of channels available on most cable systems?
21	A Correct.
22	Q So that when the cable operator decides to
23	carry a distant signal, it's deciding not to carry
24	something else.
25	A But that ought to be reflected in

1

2

3

5

6

7

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

additional value -- I'm sorry -- the value of carrying the additional signal ought to take that into account.

Q But the compulsory license fee doesn't because the compulsory license fee is not something that is negotiated with the cable operator.

Let's take that as a given number that you Α have to pay if you add a distant signal. You want to compare that to the additional revenue from all sources and add up any opportunity costs. you could adjust distant signals fractionally, you would keep adding -- you would add distant signals to the point where the additional revenue from the last signal added -- additional value less revenue less opportunity cost -- is just equal to the additional royalty payments you must make based on the license that you're required to onlv pay. qualification there is because signals can only be added in integers. You may, in fact, stop at the point where the last signal you added is worth more than a compulsory license fee, and the next signal that you could have added is, in fact, worth less than it.

Q Let's go back to first principles. You would agree that with respect to any given distant signal that a cable operator carries, you can't say

operator pays in compulsory license. 2 No, I said that a profit maximizing --3 Α again, let's leave --4 Let's just focus on that one first. 5 Let's leave integers aside. It ought to be 6 Α 7 the case, the operator ought to be carrying distant 8 signals to the point where the additional value of the 9 last signal carried is just equal to the additional 10 royalty payments. 11 O Well, let's take an example where the cable 12 operator only has available five channels. Let's assume that. And he's got a choice between whether he 13 14 wants to carry distant signals for those five open 15 channels, or whether he wants to carry a pay channel, 16 whether he wants to carry a specialty cable channel of 17 some sort, and if he decides that he would make more 18 money off of the pay channel than he would off of the 19 distant signal, he may well decide to carry that pay 20 channel even though the value to him of that distant 21 signal exceeds the compulsory license. 22 Α That's correct. 23 Q You agree with that? 24 Α That's correct. 25 And this is inherently a function of the Q

that the value of that signal equals how much the

NEAL R. GROSS

1	fact that there are limited numbers of cable channels.
2	A For some systems, yes.
3	Q Now, you discussed before with Commissioner
4	Goodman, I believe, the question of how one can rely
5	on econometrics to model behavior, and I think the
6	example you gave was with respect to automobile
7	prices, and I believe you mentioned wheelbase and
8	horsepower?
9	A It seems to me my recollection is, those
10	are among the variables that were, in fact, used in
11	some of the early attempts to model some of the prices
12	of automobiles.
13	Q So that there were models, and you were
14	giving us an example there were models where one would
15	look at the price of an automobile as being predicted
16	by a number of variables such as wheelbase and
17	horsepower and the like?
18	A That's correct.
19	Q Now, in such a model, the price of the
20	automobile moves freely, right, because it's a
21	marketplace price?
22	A Precisely.
23	Q And in the model you have developed here,
24	the price doesn't move freely at all, does it?
25	A No, but, in fact, that's I'm sorry NEAL R. GROSS

	621
1	no.
2	Q And here we're looking at a price term that
3	is based on statutory formula, is that right?
4	A Correct.
5	Q And that price term may well not move in
6	the same way that a market price would move, would you
7	agree with that?
8	A Yes.
9	Q Now, let me take an example. I hate to go
10	back to Mr. Stewart's stuff I won't mark on it,
11	John.
12	MR. STEWART: Please do.
13	BY MR. HESTER:
14	Q I just didn't want to have to redraw all of
15	this. Let me ask you to assume here that we're in
16	period one, and we've got only three distant signals
17	being carried A, B, C. Can you follow this, or
18	would it be easier if I redrew
19	A I can see it thus far.
20	Q Okay. I'm in period one, and I'm a cable
21	operator, and I've got three distant signals I am
22	carrying. And I'm paying a total of \$1,000 in
23	compulsory license fees. In period two, I switch, and

that is because I have realized that my subscribers **NEAL R. GROSS**

I drop C and I go to D, and the reason I have done

24

are utterly discontented with the slate of distant signals I'm carrying. They are just very bored, and I've got a real problem I'm facing. I'm concerned I'm going to lose subscribers. I take it that's a real problem in the cable industry. You've heard of this phenomenon of "churn"? Ά Yes. So, the cable operator here -- and I'll ask you to assume this -- decides to substitute a new distant signal, very hot distant signal. His judgment is that this will be very attractive programming. Has a lot of value to the cable operator because he's not going to lose subscribers that he has carefully built up over time. And, indeed, he's precisely successful. He holds onto his subscriber base, his revenues stay flat, very happy with what he has done. There's a real value to him in D over C. He pays the same amount, pursuant to the statutory formula set up. He pays the same amount. I take it this is an example -- are you with me so far in my example? Α Yes. Q Now, this is one of the examples included within your study, right -- this sort of example?

Α

Right.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

1	Q And yet you're going to show zero
2	incremental royalty payments associated with this
3	change.
4	A Well, I guess I would have a different
5	hypothetical. My hypothetical, those people are
6	dissatisfied with C. When it's replaced by D, the
7	operator gets some additional revenues from a variety
8	of sources, and actually gets some additional Basic
9	subscriber revenue, and is, in fact, willing to pay
10	the additional subscriber fee.
L1	Q That's another hypothetical. I just want
1.2	to use this one to illustrate and I recognize there
L3	are others. But in this one, your model would pick up
14	as the dependent variable the price variable here
15	would show zero percent increase in what the cable
L6	operator was willing to pay for that
L7	A If, in fact, the substitution of C to D did
L8	nothing. Your version of it is, I take it, if he
۱9	hadn't replaced C with D, he would have lost
20	something, and he knew that, and before it ever
21	happened he replaced C with D.
22	Q I'm asking you to assume
23	A Yes, in fact, he would not pick up
24	anything.
25	O I'm asking you to assume that. And the

1 | 2 | 3 | 4 | |

reason he doesn't pay anything more is because we're working off a statutory formula here, where the prices that he pays, the compulsory license fees that he pays are set.

A Well, remember, the fees he pays are set and, in your example, the amount he pays is set. But even if the fees were set, the amount he could pay could be different if, in fact, substituting C -- replacing C with D had increased Basic subscriber revenues.

Q Right, but I want you to assume -- I'm assuming a situation where the cable operator would, in fact, be willing to pay a lot for D. D is very valuable to him. And the reason D is very valuable to him is it allows him to hold onto subscribers he would otherwise lose. And your model isn't going to measure that.

A In your example, your result -- which I think is logically correct -- results from the fact that, in fact, he didn't already -- this operator was so prescient that before C -- before the subscribers got tired of C, he was smart enough to replace it with D, and he never got the decline in revenues that sticking with C would have resulted.

An alternative, equally plausible -- and NEAL R. GROSS

COURT REPORTERS AND TRANSCRIBERS 1323 RHODE ISLAND AVENUE, N.W. WASHINGTON, D.C. 20005

certainly consistent with behavior -- is he kept C. People got dissatisfied with it. Revenues went down. And when he replaced it with D, they went up. The difference, therefore, represent the value of replacing C with D.

Q The point I'm trying to make is that in a conventional model -- I know only enough econometrics to be dangerous -- but in a conventional model -- I take it there are many models where we try to model price as a function of X-plus-Y, and each of those -- and you try to measure the coefficient. You try to estimate A and B. And then you say, well, we know what X and Y is and, therefore, we can predict a price or, alternatively, if you know what price is, you know what X is, you know what Y is, through the ordinary least squares method that you described, you end up with estimates of A and B.

But I would submit that's a model that works best when you have a price that moves, and we don't have one here.

A That's not correct. Actually, I have two responses. One, if your hypothetical was at all accurate so that it really represented the world — that is, most of our observations looked like that — we would, in fact, have gotten no explanatory power in NEAL R. GROSS

1 2 3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

our equation, and none of our coefficients would have been significant. So, that couldn't have been the case.

Second, there, in fact, is price variation. You're quite right, you need price variation. the price variation comes from is basically across We have systems that find themselves in systems. different circumstances, and what we are doing is we are exploiting the fact that when different systems add distant signals, they add different amounts to their royalty payments, despite the presence of a fixed statutory schedule, and relate those we variations in royalty payments -- that is, percentage change in royalty payments -- to percentage changes in the quantities on the right-hand side. There's nothing inconsistent with that analysis and the way in which we, in fact, estimated -- or the standard economic analysis.

Q But what you are ending up measuring here is not precisely then value. What you are ending up measuring is how much cable operators are willing to change their compulsory royalty payments.

- A But that's exactly what we want to measure.
- Q You're measuring -- and you agree with me.
 You are measuring how much they are willing to change

1	their compulsory royalty payments.
2	A Which is a measure of the value of the
3	programs on the signals.
4	Q But it's not a direct measure, for the
5	reason we already discussed. They may be willing to
6	change their royalty payments in ways that are
7	different from how much they would be willing to pay
8	in a free market, you would agree with that?
9	A I don't believe I agree with that.
10	Q But we've already established there may
11	well be instances where the cable operator is willing
12	to pay the compulsory license to carry a distant
13	signal, but the value to him is greater than that.
14	A The point is
15	Q Answer that one first. Do you agree with
16	that?
17	A I do, but I'm not sure I agree with its
18	relevance.
19	Q But you agree, first of all, that the cable
20	operator may well be willing to pay more than he has
21	to for the compulsory license to carry a signal.
22	A Yes, but then, if that were true, except
23	for the integer problem, you ought to be adding still
24	more signals.
25	Q Well, I agree with that, but we already

1	talked about opportunity costs.
2	A No, opportunity costs are reckoned in the
3	calculation of value.
4	Q Well, we already talked about limited
5	channel capacity, and that's going to affect the
6	decisions the cable operator makes.
7	A If his system could not add channel
8	capacity. If the channel capacity was limited, yes,
9	that would be a problem.
10	Q And you are aware that many cable operators
11	are, in fact, subject to channel capacity
12	restrictions.
13	A Some are, some aren't.
14	Q But the point is, your model is measuring
15	how cable operators act in relation to compulsory
16	license payments, right?
17	A But those are, in fact
18	Q No. Answer yes or no because I think that
19	is a yes or no.
20	A Yes.
21	Can I say yes, but?
22	Q Okay. Actually, in fairness, I should give
23	you the "but".
24	A Yes, but that's, in fact, the measure of
25	the price they actually face

1	Q But it's not what they are actually willing
2	to pay, necessarily.
3	A What we know is that they are willing to
4	pay an amount at least that large.
5	Q But they may well be willing to pay an
6	amount larger.
7	A If you see the statement in the text,
8	that's precisely what I say.
9	Q Well, let me ask you about that. If you
10	could turn to page I guess it's the language that
11	Mr. Stewart quoted with his ellipsis earlier.
12	A No, I don't think so.
13	Q I was looking at page 4, over to the top of
14	page 5, where it's the last sentence on page 4, over
15	to the top of page 5, where you say, "This means that
16	one must measure what operators are willing to pay for
17	programs by observing what they actually chose to pay
18	for them".
19	A No, that's not the sentence I wanted to
20	Q But I wanted to direct you to that one.
21	A I agree, but you've asked me where the
22	statement appears, and it appears on page 6, the full
23	paragraph "Operators will add distant signals only
24	if the increase in revenue that is attributable to the
25	programs on those signals is at least as great as the

- 1	
1	additional royalty payments the operator must make to
2	carry the signals".
3	Q I'm sorry, could you
4	A I'm sorry. Page 6, the full paragraph,
5	second sentence: "Operators will add distant signals
6	only if the increase in revenue that is attributable
7	to the programs on those signals is at least as great
8	as the royalty payments the operator must make to
9	carry the signals".
LO	Q And I take it implicit in that sentence is
11	the recognition on your part that there may well be
12	instances where they would be willing to pay more than
L3	what they pay as a compulsory license?
L 4	A Yes.
.5	Q And, therefore, it is not necessarily the
.6	same thing to say that what they pay as a compulsory
.7	license is what they would be willing to pay for the
.8	distant signal?
.9	A With that caveat, yes.
20	MR. HESTER: That's all I have. Thank you.
21	CHAIRPERSON DAUB: Thank you, Mr. Hester.
22	Mr. Gottfried?
23	MR. GOTTFRIED: Thank you, Madam Chairman.
24	I will try to be brief, and I know I can count on
25	Commissioner Goodman to ensure that I don't do too
- 1	MEALE GEOSS

1	much.
2	Dr. Besen, I'm Barry Gottfried, and I'm
3	here representing the Devotional Claimants. It's a
4	pleasure to see you again.
5	CROSS-EXAMINATION
6	BY MR. GOTTFRIED:
7	Q I just want to make a small point that I
8	think you won't have any problem with. The Preferred
9	equation you use uses viewing hours as opposed to
LO	hours, is that right?
L1	A It takes the hours and reallocates them
L2	based on viewing.
13	Q Or weights them?
L 4	A Yes, weights them.
L5	Q And that's the equation that gave us a 1?
L6	A That's correct. Well, actually, no
L7	excuse me gave you a 1 percent?
18	Q One percent.
۱9	A Well, actually, almost all of the equations
20	give a 1 percent.
21	Q Well, the unweighted one didn't, the one
22	that weighted them did.
23	A It's all of the ones that were weighted.
24	Q Correct. Now, I don't know if you're aware
25	of it but, in previous years, MPAA has made a point

1	about the relationship of the total quarter viewing
2	hours of Devotional programs to the distant viewing
3	the time to viewing. They say that we have more time
4	than viewing, and that that's significant.
5	I just want to establish that insofar as
6	there is a difference insofar as there is a
7	difference your Preferred equation takes account of
8	that difference, isn't that correct?
9	A When we weight by viewing the share to
10	be ascribed to Devotional Claimants of 1 percent takes
11	into account viewing as weights, correct.
12	Q And so it would take into account I
13	guess I wasn't clear enough any difference between
14	these numbers, or any ratio?
15	A They are taken into account in the variable
16	that we've constructed.
17	Q And are weighted in the Preferred equation.
18	A Correct.
19	Q So, is it fair to say that taking into
20	account any difference that there might be, your study
21	shows that the Devotional programs account for 1
22	percent of the value of programming on distant
23	signals?
24	A That's correct.

I didn't think you'd have any trouble with

that.

Let me go back to a point that I think Commissioner Goodman was discussing at about ten to 12:00, about the use of hours. This one I don't think is going to be quite as easy for me, but we'll try.

Let me just direct your attention to pages 21 and 22 of your statement, and specifically to the top of page 22 where you say: "This adjustment" -- and I think you're talking about the weighting for hours -- "permits us to take into account differences in program 'quality', to the extent that viewership is correlated with quality, as well as differences in viewing levels across dayparts", do you see that?

A I do.

Q Now, theoretically, if you had the data, isn't it true that you could have used a different weighting system, something other than ratings, if you had the data? Well, let me give you a concrete example.

Suppose MPAA had come to you and they had done a study, and they had done something like what Commissioner Goodman was talking about. They had gone to every cable system in the United States, and they had asked them, with every particular program -- each program now: the Cubs game, the 700 Club, and a local

attracting and retaining hypothetical? subscription value. Α willing to pay. I understand that. 0 Α it would be, but go ahead. 0 actually done between periods.

program -- what is the value of that program to you in subscribers? Get the I want to call that, if I can,

Obtained by asking operators what they are

Fine. You understand what my objection to

And you had used this to weight -- because I thought this was what Commissioner Goodman was getting at -- you had used this as the weight, instead of ratings, when you analyzed what cable operators had In other words, if they had picked up WGN and on that was a Cubs game for one hour -- and I'll have to assume there's some kind of a scale, I don't know how the scale would look -the Cubs game represents 3 percent of value, or the 700 Club represents 2 percent of value, you had weighted that accordingly.

My question is, you don't know, do you, whether the R2 number, or the analysis you do in Footnote in 35, would have turned out to show a higher correlation, a higher explanatory value for this kind of weighting and for hourly weighting?

NEAL R. GROSS

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

1	A No, but there's a problem with the
2	hypothetical.
3	Q But the answer is no, you don't.
4	A Well, I'd like to go on if I
5	Q I'll give you a chance. I just want to
6	establish that point. As far as what you call
7	statistical precision, or explanatory power, you don't
8	know whether the equation so weighted would have given
9	you a .29 or a .83 or the kind of results you got when
10	you said you used revenues, a .10?
11	A Well, the problem I'm having
12	Q Well, is the answer yes or no, if there's
13	an answer, and it says you don't like weighting this
14	way.
15	A It's more than that here. Here we're using
16	information about values to estimate values. It seems
17	to me the system is somehow overdetermined that is,
18	if you've already no values and you believe those
19	estimates, I'm not sure why one needs the analysis to
20	get at the relative values. Somehow you're starting
21	with the relative values.
22	Q I was bringing in the values to determine
23	whether, in fact I was checking the values, as it
24	were, unless I misunderstand, by saying don't those
25	valuations predict what cable operators actually do

1	between periods? Here we get a good explanatory
2	equation about which signals are dropped and which
3	signals are added if we weigh programs based on what
4	cable operators say is the value of each program to
5	them.
6	A I suppose you could do this as a piece of
7	mathematical or statistical analysis. It just seems
8	to me at first blush that there's an inconsistency
9	between using these values as the weights in an
10	equation which is designed to determine what the
11	values are.
12	Q But the answer is, you don't know which of
13	these numbers you'd get, do you?
14	A No.
15	MR. GOTTFRIED: I have no further
16	questions.
17	CHAIRPERSON DAUB: Mr. Lane, any redirect?
18	REDIRECT EXAMINATION
19	BY MR. LANE:
20	Q Dr. Besen, in several instances you've
21	indicated that you used the percentage change in the
22	program by category from period-to-period. Could you
23	explain why you did that?
24	A The basic idea was that we wanted to
25	explain the percentage change in revenues, and that we

16

17

18

19

20

21

22

23

24

25

wanted to relate those not to the absolute change in the programming in a particular category, but to its percentage increase. It makes a difference if one adds one hour of Sports programs, if the number of Sports program hours are only 10, and if one added one hour of Sports programming if the total number of Sports programming had previously been 100. And so the reason for looking at percentage changes was to take into account the amount of program hours in a particular category that the system had been carrying prior to the change.

Q Would that also tend to allow you to compare categories that have large numbers of hours with categories that have smaller number of hours?

A Yes, the -- if you had a program category that had, say, 10 program hours, and by adding a distant signal it added five hours in that category, that's a 50 percent increase. We would measure exactly the same percentage increase for a program category that, for example, had 100 hours of programs and it added 50 program hours. Those would be the same percentage increase. The variables would be exactly the same for a program category where the increase was from 10 to 15 as it would be from, say, 100 to 150.

1	Q So that that would allow program categories
2	that have a small number of hours, to have an equal
3	chance or equal opportunity to have a greater share in
4	the results?
5	A They would have in my particular
6	example, they would both have exactly the same
7	percentage increase in programs program hours.
8	Q Was one of the alternative analyses you did
9	looking at reclassified signals, or omitting them from
10	the analysis?
11	A We did.
12	Q Could you just explain what was involved in
13	that?
14	A Well, we had a number of as the
15	statement makes clear, we had a number of signals that
16	had been classified as distant some of the time, and
17	Local at other times. We confirmed that, in fact,
18	those by inspection that, in fact, they seemed
19	to be all distant signals. And so we classified them
20	as distant throughout. However, if any of those
21	signals were the signals that had been changed
22	suppose there was a signal that was, in fact,
23	classified as Local, say, in a period when it was
24	dropped we had previously classified it as distant
25	because once it had previously been classified as

NEAL R. GROSS

1	distant. We ran the analysis including that
2	observation as a dropped distant signal, but we also
3	ran a separate analysis in which all those
4	observations were deleted, and we just to make sure
5	that our sample that our results were not being
6	affected by those reclassifications and, in fact, we
7	confirmed that those reclassifications had no effect -
8	- virtually no effect on the estimated results.
9	Q Would you look at NAB Exhibit 43-X, please.
10	A (Complying.)
11	Q At the bottom of the first page is system
12	CAA720?
13	A Correct.
14	Q Would that be one of the systems that would
L5	have been involved in the reclassification analysis
16	that you would have dropped out?
17	A Yes.
18	Q And that CAA720 was also, was it not, the
19	system that was the subject of NAB Exhibit 45-X and
20	46-X?
21	A It was one of them, yes.
22	Q And the effect of dropping those out, on
23	the results, in your view, was
24	A Virtually none.
25	MR. STEWART: I'm going to object to that

NEAL R. GROSS

1	answer because there are two different things. One is
2	a group of observations that were dropped out, and
3	those were in his analysis and he analyzed those. Now
4	we're talking about one of those observations, and I
5	don't think he can say what the analysis would have
6	been by dropping that out of all the Form 2s that
7	is, the difference between the ones he did drop out
8	and some subset of that, and I want to make sure we
9	don't have an unclear record, that his response to
10	that last question is that he has done the analysis to
11	drop out the Form 2 systems that are in the database.
12	I think those are two different issues.
13	CHAIRPERSON DAUB: The objection is
14	overruled.
15	MR. LANE: Those are all the questions I
16	have on redirect, Madam Chairman.
17	CHAIRPERSON DAUB: Thank you, Mr. Lane.
18	(Whereupon, the witness was excused.)
19	That concludes today's meeting, and we will
20	reconvene on Wednesday, September 15, with Mr. Thrall,
21	at 10:00 o'clock. Have a nice weekend.
22	(Whereupon, at 4:53 p.m., the hearing was
23	adjourned, to reconvene Wednesday, September 15, 1993,
24	at 10:00 a.m.)

CERTIFICATE

This is to certify that the foregoing transcript

in the matter of: 1990 CABLE COPYRIGHT ROYALTY DISTRIBUTION PROCEEDING DOCKET NO. CRT 92-1-90CD

Before:

COPYRIGHT ROYALTY TRIBUNAL

Date:

SEPTEMBER 10, 1993

Place:

WASHINGTON, D.C.

represents the full and complete proceedings of the aforementioned matter, as reported and reduced to typewriting.

Phyllis young

NEAL R. GROSS

COURT REPORTERS AND TRANSCRIBERS 1323 RHODE ISLAND AVENUE, N.W. WASHINGTON, D.C. 20005

ς	Δ	S

•									
OBS	STATION	YEAR M	OVIES	SERIES	SPORTS	DEVO	LOCAL	OTHER	TOTAL
1	KABC	88 11	60.0	1685.0	0.0	88.0	2533.0	4.0	5470.0
ż	KABC		95.0	1877.0	0.0	22.0	2769.0	8.0	5671.0
3	KABC		30.0	2414.0	0.0	0.0	2820.0	0.0	5564.0
4	KATU		37.0	2601.0	0.0	0.0	2109.0	0.0	5247.0
5	KATU		82.5	2683.5	0.0	0.0	2200.5	0.0	5266.5
6	KATU		98.0	2751.0	0.0	0.0	2604.0	0.0	5553.0
7	KATV		56.0	4111.5	201.0	219.0	1506.0	0.0	6193.5
8	KATV	90	63.0	3840.0	0.0	240.0	1554.0	216.0	5913.0
9	KBHK	88 30	0.880	9660.0	0.0	316.0	104.0	4.0	13122.0
10	KBHK	89 26	84.0	10228.0	0.0	144.0	190.0	0.0	13246.0
11	KBHK		356.0	9524.0	0.0	192.0	212.0	12.0	13296.0
12	KCAL		97.0	9628.0	190.0	664.0	1458.0	1.0	13438.0
13	KCAL		0.000	9548.0	204.0	430.0	2188.0	0.0	13430.0
14	KCBS		89.0	1880.0	105.0	48.0	2103.0	0.0	4525.0
15	KCBS		266.0	2032.0	109.0	48.0	2065.0	0.0	4520.0
16 17	KCBS	90 7 89	232.0	1965.0 0.0	16.0 0.0	46.0 . 0.0	2201.0 0.0	112.0 12913.0	4573.0 12913.0
18	KCET KCNC	88	6.0	1340.4	76.8	45.6	2841.6	1.2	4311.6
19	KCNC	89	0.0	1478.4	57.6	45.6	2778.0	0.0	4359.6
20	KCNC	90	0.0	1347.6	0.0	36.0	3081.6	96.0	4562.4
21	KCOP		523.0	8835.0	8.0	288.0	658.0	8.0	13420.0
22	KCOP		566.0	8802.0	0.0	402.0	624.0	16.0	13410.0
23	KCOP		489.0	9150.0	0.0	136.0	634.0	0.0	13409.0
24	KCRA	88	244.5	2757.0	405.0	48.0	2236.5	1.5	5692.5
25	KCRA		39.0	2874.0	178.5	33.0	2392.5	0.0	5517.0
26	KCRA		12.0	2496.0	285.0	0.0	3318.0	0.0	6111.0
27	KDKA		156.0	3058.0	178.0	48.0	1919.0	4.0	5363.0
28 29	KDKA		228.0	3031.0	165.0	48.0	2084.0	1.0	5557.0
	KDKA		112.0	3486.0	266.0	0.0	1778.0	16.0	5658.0
OBS	VMOVIES	VSERIES		VSPORTS	VDEVO	VLOCAL	V	OTHER	
1	326278.00	2005015.0		0.0	2916.0	3778585.0		0.0	
2	167664.00	1566883.0		0.0	0.0	3168134.0		0.0	
3	14972.00	625295.0		0.0	0.0	2015634.0		0.0	
4	805.50	824286.0		0.0	0.0	878259.0		0.0	
5 6	573.75	748234.5		0.0	0.0	1217032.5		0.0	
7	297.00 234.00	1111045.5 2388678.0		0.0 55431.5	0.0 62745.0	1395708.0 1853091.0		0.0 0.0	
8	94.50	1979125.5	4	0.0	37692.0	2049201.0	7000	986.0	
9	5249154.00	8504904.0		0.0	50715.0	12028.0		653.0	
10	4751330.00	10689714.0		0.0	4744.0	16094.0	130	0.0	
11	4829371.00	7099256.0		0.0	2689.0	16996.0	28	137.0	
12	1585119.00	8631111.0	5	66051.0	71011.0	470811.0		0.0	
13	1437323.00	7271482.0	7	23885.0	84412.0	1393433.0		0.0	
14	152476.00	1518384.0		81554.0	1040.0	1865769.0		0.0	
15	39654.00	1694581.0	2			846111.0		0.0	
16	11966.00	968349.0		14124.0	3916.0	538906.0		364.0	
17	0.00	0.0		0.0	0.0	0.0	12964		
18	7.20	733758.0		77164.4	523.2	4668693.6		0.0	
19 20	0.00 0.00	1028407.2 536818.8	1	85402.4 0.0	3230.4 9050.4	4571680.8 5232050.4	707	0.0	
21	3431324.00	6960059.0		0.0	14680.0	133214.0		402.0 633.0	
22	4069190.00	6433427.0		0.0	13028.0	128321.0		448.0	
23	2284155.00	5482501.0		0.0	5721.0	128296.0	OL.	0.0	
24	366.75	1982635.5	5	61858.0	0.0	1601485.5		0.0	
25	58.50	2447407.5		30435.0	0.0	2016253.5		0.0	
26	18.00	2468842.5	7	721635.0	0.0	2505331.5		0.0	
27	47510.00	1462451.0		305850.0	1720.0	1235978.0		0.0	
28	28760.00	1878988.0		158095.0	1362.0	833245.0		502.0	
29	19951.00	1809201.0	2	277308.0	0.0	823956.0	7	036.0	

۷.									
08\$	STATION	YEAR	MOVIES	SERIES	SPORTS	DEVO	LOCAL	OTHER	TOTAL
30	KDOC	88	1316.0	8842.0	64.0	280.0	2668.0	122.0	13292.0
31	KDOC	89	910.0	9844.0	0.0	290.0	2316.0	0.0	13360.0
		89	7843.2	17716.8	24.0		91.2	14.4	26553.6
32	KDVR			0.0	0.0	0.0	0.0	11047.0	11047.0
33	KERA	89	0.0		80.0	6656.0	2892.0	0.0	12868.0
34	KFCB	89	18.0	3222.0			2364.0	0.0	5050.5
35	KFMB	88	361.5	2229.0	0.0	96.0			
36	KFMB	89	282.0	2155.5	0.0	96.0	2227.5	0.0	4761.0
37	KFMB	90	84.0	2503.5	0.0	51.0	2325.0	0.0	4963.5
38	KGO	88	478.0	2786.0	0.0	0.0	2234.0	4.0	5502.0
39	KGO	89	455.0	2797.0	0.0	0.0	2363.0	0.0	5615.0
40	KGO	90	129.0	3545.0	0.0	0.0	1901.0	0 .0	5575.0
41	KGTV	88	339.0	3663.0	19.5	237.0	1840.5	0 .0	6099.0
42	KGTV	89	300.0	3247.5	19.5	265.5	2032.5	0.0	5865.0
43	KGW	88	258.0	2224.5	0.0	0.0	1905.0	0 .0	4387.5
44	KGW	89	210.0	2508.0	0.0	0.0	1660.5	0.0	4378.5
45	KGW	90	126.0	2655.0	0.0	6.0	1992.0	0.0	4779.0
46	KHJ	8 8	2439.0	7486.0	270.0	904.0	2307.0	1.0	13407.0
47	KICU	88	4320.0	7188.0	257.0	608.0	959.0	10.0	13342.0
48	KICU	89	5483.0	5833.0	207.0	762.0	953.0	10.0	13248.0
49	KICU	90	5270.0			640.0	1142.0	0.0	12420.0
50	KMBC	89	166.0	5130.0 4165.0	237.0 127.0	88.0	1601.0	0.0	6147.0
51	KMEX	88	1747.0	10742.0	0.0	160.0	95.0	0.0	12744.0
52	KMEX	89	1971.0		0.0	48.0	375.0	1.0	12762.0
53	KMEX	90	2239.0		0.0	476.0	558.0	0.0	12727.0
54	KMGH	88	294.0		12.0	117.6	1381.2	0.0	4936.8
55	KMGH	89	326.4		87.6	96.0	1179.6	0.0	4928.4
56		90	195.6		12.0	96.0	1332.0	64.8	5234.4
	KMGH								
57	KMSP	88 89	2664.0 2766.0	9373.0 9460.0		240.0	854.0 865.0	4.0	13435.0
58	KMSP								13438.0
OBS	VMOVIES	VSER	IES	VSPORTS	VDEVO	VLOCAL	VO	THER	
30	184245.00	330536	0.0	0.0	26410.0	912269.0	4350	04.0	
31	112562.00	565011	n n	0.0	10060.0	689477.0		0.0	
32	9411.84	747063	4.8	21024.0	6000.0	0.0	1166	55.2	
33			0.0	0.0	0.0	0.0		59.0	
34	0.00	6177	1.0	0.0	221351.0	33483.0		0.0	
35	542.25	11526	9.0	0.0	0.0	63522.0		0.0	
36	423.00	22328		0.0	957.0	87063.0		0.0	
37	126.00	26973		0.0	0.0	83794.5		0.0	
38	378706.00	430207		0.0	0.0	3199410.0		72.0	
39	279594.00	422195		0.0	0.0	3193707.0		0.0	
40	29636.00	286724		0.0	0.0	1775435.0		0.0	
41	508.50	16460		0.0	6897.0	90655.5		0.0	
- 42	450.00	12379	73.5	0.0	6870.0	6894.0	1	0.0	
43	387.00	140395	50.5	0.0	0.0	1189765.5	, :	0.0	
	315.00							0.0	
44	217.00	120142)	0.0	0.0	916522.5)		
				0.0	070 5	4707500 6			
45	189.00	135761	11.0	0.0	970.5	1323589.5		0.0	
46	189.00 1718942.00	135761 727823	11.0 30.0	836612.0	288110.0	939748.0)	0.0	
46 47	189.00 1718942.00 4552953.00	135761 727823 515011	11.0 50.0 10.0	836612.0 753480.0	288110.0 107318.0	939748.0 269739.0)) 138	0.0 09.0	
46 47 48	189.00 1718942.00 4552953.00 5009294.00	135761 727823 515011 436956	11.0 80.0 10.0 68.0	836612.0 753480.0 507351.0	288110.0 107318.0 55556.0	939748.0 269739.0 267660.0)) 138) 146	0.0 09.0 96.0	
46 47 48 49	189.00 1718942.00 4552953.00 5009294.00 3800054.00	135761 727823 515011 436956 484005	11.0 50.0 10.0 58.0 58.0	836612.0 753480.0 507351.0 873522.0	288110.0 107318.0 55556.0 49697.0	939748.0 269739.0 267660.0 180594.0)) 138) 146)	0.0 09.0 96.0 0.0	
46 47 48 49 50	189.00 1718942.00 4552953.00 5009294.00 3800054.00 14601.00	135761 727823 515011 436956 484005 162365	11.0 30.0 10.0 58.0 58.0	836612.0 753480.0 507351.0 873522.0 65614.0	288110.0 107318.0 55556.0 49697.0 4984.0	939748.0 269739.0 267660.0 180594.0 806597.0) 138 146)	0.0 09.0 96.0 0.0 0.0	
46 47 48 49 50 51	189.00 1718942.00 4552953.00 5009294.00 3800054.00	135761 727823 515011 436956 484005	11.0 30.0 10.0 58.0 58.0	836612.0 753480.0 507351.0 873522.0	288110.0 107318.0 55556.0 49697.0 4984.0 85012.0	939748.0 269739.0 267660.0 180594.0) 138 146)	0.0 09.0 96.0 0.0	
46 47 48 49 50 51	189.00 1718942.00 4552953.00 5009294.00 3800054.00 14601.00	135761 727823 515011 436956 484005 162365	11.0 50.0 10.0 58.0 58.0 55.0	836612.0 753480.0 507351.0 873522.0 65614.0	288110.0 107318.0 55556.0 49697.0 4984.0 85012.0 710.0	939748.0 269739.0 267660.0 180594.0 806597.0)) 138) 146))	0.0 09.0 96.0 0.0 0.0	
46 47 48 49 50 51 52 53	189.00 1718942.00 4552953.00 5009294.00 3800054.00 14601.00 1675012.00	135761 727823 515011 436956 484005 162365 2069266	11.0 50.0 10.0 58.0 55.0 66.0 28.0	836612.0 753480.0 507351.0 873522.0 65614.0 0.0	288110.0 107318.0 55556.0 49697.0 4984.0 85012.0 710.0 9873.0	939748.0 269739.0 267660.0 180594.0 806597.0 39257.0	138 138 146 13 13 13 13	0.0 09.0 96.0 0.0 0.0	
46 47 48 49 50 51 52 53	189.00 1718942.00 4552953.00 5009294.00 3800054.00 14601.00 1675012.00 795991.00	135761 727823 515011 436956 484005 162365 2069266 757042	11.0 50.0 10.0 58.0 58.0 55.0 66.0 28.0	836612.0 753480.0 507351.0 873522.0 65614.0 0.0	288110.0 107318.0 55556.0 49697.0 4984.0 85012.0 710.0	939748.0 269739.0 267660.0 180594.0 806597.0 39257.0 28581.0) 138 146 1 1 1 1 1 1 1 1 1 1 1 1	0.0 09.0 96.0 0.0 0.0 0.0	
46 47 48 49 50 51 52 53	189.00 1718942.00 4552953.00 5009294.00 3800054.00 14601.00 1675012.00 795991.00 1082780.00	135761 727823 515011 436956 484005 162365 2069266 757046 745808	11.0 30.0 10.0 58.0 55.0 66.0 28.0 82.0	836612.0 753480.0 507351.0 873522.0 65614.0 0.0 0.0	288110.0 107318.0 55556.0 49697.0 4984.0 85012.0 710.0 9873.0	939748.0 269739.0 267660.0 180594.0 806597.0 39257.0 28581.0 638248.0) 138 0 146 0 146 0 0 0 0 0 0	0.0 09.0 96.0 0.0 0.0 0.0 0.0	
46 47 48 49 50 51 52 53 54 55	189.00 1718942.00 4552953.00 5009294.00 3800054.00 14601.00 1675012.00 795991.00 1082780.00 352.80 391.68	135761 727823 515011 436956 484005 162365 2069266 757046 745806 28974	11.0 30.0 10.0 58.0 58.0 56.0 28.0 82.0 34.8 99.6	836612.0 753480.0 507351.0 873522.0 65614.0 0.0 0.0 0.0 46404.0	288110.0 107318.0 55556.0 49697.0 4984.0 85012.0 710.0 9873.0 11911.2	939748.0 269739.0 267660.0 180594.0 806597.0 39257.0 28581.0 638248.0	138 146 10 10 10 10 10 10 10 10 10 10 10 10 10	0.0 09.0 96.0 0.0 0.0 0.0 0.0 0.0	
46 47 48 49 50 51 52 53 54 55 56	189.00 1718942.00 4552953.00 5009294.00 3800054.00 14601.00 1675012.00 795991.00 1082780.00 352.80 391.68 234.72	135761 727823 515011 436956 484005 162365 2069266 757046 745800 28974 352626	11.0 30.0 10.0 58.0 58.0 56.0 28.0 82.0 34.8 99.6 36.8	836612.0 753480.0 507351.0 873522.0 65614.0 0.0 0.0 46404.0 25952.4	288110.0 107318.0 55556.0 49697.0 4984.0 85012.0 710.0 9873.0 11911.2 9312.0	939748.0 269739.0 267660.0 180594.0 806597.0 28581.0 638248.0 1002991.0 1008324.0 930876.0	138 146 10 10 10 10 10 10 10 10 10 10 10 10 10	0.0 09.0 96.0 0.0 0.0 0.0 0.0 0.0 0.0	
46 47 48 49 50 51 52 53 54 55	189.00 1718942.00 4552953.00 5009294.00 3800054.00 14601.00 1675012.00 795991.00 1082780.00 352.80 391.68	135761 727823 515017 436956 484005 162365 2069266 757047 745807 289743	11.0 30.0 10.0 58.0 56.0 28.0 82.0 34.8 99.6 36.8	836612.0 753480.0 507351.0 873522.0 65614.0 0.0 0.0 0.0 46404.0 25952.4 31638.0	288110.0 107318.0 55556.0 49697.0 4984.0 85012.0 710.0 9873.0 11911.2 9312.0 12343.2	939748.0 269739.0 267660.0 180594.0 806597.0 39257.0 28581.0 638248.0 1002991.1	138 146 10 10 10 10 10 10 10 10 10 10 10 10 10	0.0 09.0 96.0 0.0 0.0 0.0 0.0 0.0	

OBS	STATION	YEAR	MOVIES	SERIES	SPORTS	DEVO	LOCAL	OTHER	TOTAL
59	KMSP	90 2	2772.0	9375.0	204.0	140.0	948.0	0.0	13440.0
60	KMST		148.5	3465.0	108.0	33.0	1113.0	0.0	4867.5
61	KMST	89	0.0	3090.0	103.5	18.0	1018.5	0.0	4230.0
62	KMST	90	0.0	3273.0	189.0	66.0	705.0	0.0	4233.0
63	KNBC	88	24.0		0.0	0.0	2232.0	10.0	4220.0
64	KNBC	89	24.0	2083.0	0.0	0.0	2371.0	0.0	4478.0
65	KNBC	90	32.0	2290.0	0.0	0.0	2472.0	0.0	4794.0
66	KNSD	89	183.0	3399.0	0.0	0.0	1143.0	0.0	4725.0
67	KOFY		2051.0	10471.0	0.0	0.0	232.0	3.0	12757.0
68	KOFY		1809.0	10617.0	0.0	0.0	627.0	6.0	13059.0
69	KOFY	90	896.0	11110.0	20.0	20.0	819.0	0.0	12866.0
70	KOIN	88	129.0	3322.5	144.0	414.0	1722.0	0.0	5731.5
71	KOIN	89	142.5	3232.5	76.5	330.0	1740.0	0.0	5521.5
72	KOIN	90	42.0	3357.0	135.0	96.0	1866.0	0.0	5496.0
73	KOVR	88	276.0	4017.0	15.0	249.0	1692.0	7.5	6256.5
74	KOVR	89	472.5	4075.5	0.0	268.5	1626.0	1.5	6444.0
75	KPIX	88	403.0	3335.0	259.0	21.0	1254.0	24.0	5296.0
76	KPIX	89	207.0	3312.0	287.0	25.0	1502.0	0.0	5333.0
77	KPIX	90	170.0	2925.0	238.0	0.0	1961.0	112.0	5406.0
78	KPLR		4441.0	7857.0	415.0	152.0	575.0	0.0	13440.0
79	KPRC		192.0		0.0	182.4	1896.0	0.0	4383.6
80	KPTV		2803.5	9070.5	162.0	480.0	666.0	0.0	13182.0
81	KPTV		2559.0		159.0	468.0	729.0	0.0	13029.0
82	KPTV		2887.5	8731.5	0.0	432.0	949.5	111.0	13113.0
83	KQED	89	0.0		0.0	0.0	0.0	12217.0	12217.0
84	KQTV	88	229.5		97.5	658.5	1225.5	0.0	4990.5
85	KQTV		192.0		154.5	345.0	1045.5	0.0	4995.0
86	KRIV	89	2636.4	9300.0	15.6	336.0	1036.8	3.6	13328.4
87	KRMA	89	0.0	0.0	0.0	0.0	0.0	10055.0	10055.0
OBS	VMOVIES	VSERIE	S	VSPORTS	VDEVO	VLOCAL	V	OTHER	
59	3679123.00	11446156.	.0	311826.0	21182.0	1333665.0		0.0	
60	222.75	243060.	.0	0.0	0.0	27444.0		0.0	
61	0.00	255609.	. 0	0.0	6825.0	2463.0		0.0	
62	0.00	334809	.0	6894.0				0.0	
63	7624.00				0.0	28041.0		0.0	
64		1257581.	.0	0.0	0.0 0.0	28041.0 1396225.0		0.0 393:0	
	12452.00	1467071	.0				23		
65	12452.00 0.00	1467071 968680	.0 .0	0.0	0.0	1396225.0	23	393:0	
65 66	12452.00 0.00 274.50	1467071	.0 .0	0.0 0.0	0.0 0.0	1396225.0 2008249.0	23	393:0 0.0	
65 66 67	12452.00 0.00 274.50 785413.00	1467071. 968680. 166461. 4709114.	.0 .0 .0 .0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0	1396225.0 2008249.0 1717534.0 84750.0 42431.0	23	393:0 0.0 0.0	
65 66 67 68	12452.00 0.00 274.50 785413.00 571494.00	1467071. 968680. 166461. 4709114. 3984865.	.0 .0 .0 .0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	1396225.0 2008249.0 1717534.0 84750.0	23	393:0 0.0 0.0 0.0	
65 66 67 68 69	12452.00 0.00 274.50 785413.00 571494.00 258953.00	1467071. 968680. 166461. 4709114. 3984865. 3366101.	.0 .0 .0 .0 .0	0.0 0.0 0.0 0.0 0.0 0.0 17517.0	0.0 0.0 0.0 0.0 0.0 0.0	1396225.0 2008249.0 1717534.0 84750.0 42431.0 104701.0 53237.0	. 20	393:0 0.0 0.0 0.0 0.0	
65 66 67 68 69 70	12452.00 0.00 274.50 785413.00 571494.00 258953.00 193.50	1467071 968680 166461 4709114 3984865 3366101 1638079	.0 .0 .0 .0 .0	0.0 0.0 0.0 0.0 0.0 0.0 17517.0 147322.5	0.0 0.0 0.0 0.0 0.0 0.0 0.0	1396225.0 2008249.0 1717534.0 84750.0 42431.0 104701.0 53237.0	. 20	393:0 0.0 0.0 0.0 0.0 691.0	
65 66 67 68 69 70 71	12452.00 0.00 274.50 785413.00 571494.00 258953.00 193.50 213.75	1467071 968680 166461 4709114 3984865 3366101 1638079 1755127	.0 .0 .0 .0 .0 .0	0.0 0.0 0.0 0.0 0.0 0.0 17517.0 147322.5 136572.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 24144.0 23808.0	1396225.0 2008249.0 1717534.0 84750.0 424310.0 53237.0 1042108.5 1340092.5	. 20	393:0 0.0 0.0 0.0 0.0 691.0	
65 66 67 68 69 70 71 72	12452.00 0.00 274.50 785413.00 571494.00 258953.00 193.50 213.75 63.00	1467071 968680 166461 4709114 3984865 3366101 1638079 1755127 1444509	.0 .0 .0 .0 .0 .0 .5	0.0 0.0 0.0 0.0 0.0 17517.0 147322.5 136572.0 275665.5	0.0 0.0 0.0 0.0 0.0 0.0 0.0 24144.0 23808.0 9942.0	1396225.0 2008249.0 1717534.0 84750.0 42431.0 104701.0 53237.0 1042108.5 1340092.5 987219.0	20	393:0 0.0 0.0 0.0 0.0 691.0 0.0 0.0 0.0	
65 66 67 68 69 70 71 72 73	12452.00 0.00 274.50 785413.00 571494.00 258953.00 193.50 213.75 63.00 414.00	1467071 968680 166461 4709114 3984865 3366101 1638079 1755127 1444509 1018843	.0 .0 .0 .0 .0 .5 .5	0.0 0.0 0.0 0.0 0.0 17517.0 147322.5 136572.0 275665.5	0.0 0.0 0.0 0.0 0.0 0.0 0.0 24144.0 23808.0 9942.0 2148.0	1396225.0 2008249.0 1717534.0 84750.0 424310.0 53237.0 1042108.5 1340092.5	20	393:0 0.0 0.0 0.0 0.0 0.0 691.0 0.0 0.0	
65 66 67 68 69 70 71 72 73 74	12452.00 0.00 274.50 785413.00 571494.00 258953.00 193.50 213.75 63.00 414.00 708.75	1467071 968680 166461 4709114 3984865 3366101 1638079 1755127 1444509 1018843 903042	.0 .0 .0 .0 .0 .5 .5	0.0 0.0 0.0 0.0 0.0 17517.0 147322.5 136572.0 275665.5 0.0	0.0 0.0 0.0 0.0 0.0 0.0 24144.0 23808.0 9942.0 2148.0 13222.5	1396225.0 2008249.0 1717534.0 84750.0 42431.0 104701.0 53237.0 1042108.5 1340092.5 987219.0 300265.5 154896.0	20	393:0 0.0 0.0 0.0 0.0 691.0 0.0 0.0 0.0 0.0	
65 66 67 68 69 70 71 72 73 74	12452.00 0.00 274.50 785413.00 571494.00 258953.00 193.50 213.75 63.00 414.00 708.75 236954.00	1467071 968680 166461 4709114 3984865 3366101 1638079 1755127 1444509 1018843 903042 3954881	.0 .0 .0 .0 .0 .5 .5 .5	0.0 0.0 0.0 0.0 0.0 17517.0 147322.5 136572.0 275665.5 0.0 0.0 517896.0	0.0 0.0 0.0 0.0 0.0 0.0 24144.0 23808.0 9942.0 2148.0 13222.5 1190.0	1396225.0 2008249.0 1717534.0 84750.0 42431.0 104701.0 53237.0 1042108.5 1340092.5 987219.0 300265.5 154896.0	23	393:0 0.0 0.0 0.0 691.0 0.0 0.0 0.0 0.0 0.0 0.0	
65 66 67 68 69 70 71 72 73 74 75	12452.00 0.00 274.50 785413.00 571494.00 258953.00 193.50 213.75 63.00 414.00 708.75 236954.00 197917.00	1467071 968680 166461 4709114 3984865 3366101 1638079 1755127 1444509 1018843 903042 3954881 3425331	.0 .0 .0 .0 .0 .0 .5 .5 .0	0.0 0.0 0.0 0.0 0.0 17517.0 147322.5 136572.0 275665.5 0.0 0.0 517896.0 670294.0	0.0 0.0 0.0 0.0 0.0 0.0 24144.0 23808.0 9942.0 2148.0 13222.5 1190.0 0.0	1396225.0 2008249.0 1717534.0 84750.0 42431.0 104701.0 53237.0 1042108.5 1340092.5 987219.0 300265.5 154896.0 1546144.0 1082944.0	23	393:0 0.0 0.0 0.0 691.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	
65 66 67 68 69 70 71 72 73 74 75 76	12452.00 0.00 274.50 785413.00 571494.00 258953.00 193.50 213.75 63.00 414.00 708.75 236954.00 197917.00 243496.00	1467071 968680 166461 4709114 3984865 3366101 1638079 1755127 1444509 1018843 903042 3954881 3425331 2388845	.0 .0 .0 .0 .0 .5 .5 .0	0.0 0.0 0.0 0.0 0.0 17517.0 147322.5 136572.0 275665.5 0.0 0.0 517896.0 670294.0 373258.0	0.0 0.0 0.0 0.0 0.0 0.0 24144.0 23808.0 9942.0 2148.0 13222.5 1190.0 0.0	1396225.0 2008249.0 1717534.0 84750.0 42431.0 104701.0 53237.0 1042108.5 987219.0 300265.5 154896.0 1546144.0 1082944.0	23 	393:0 0.0 0.0 0.0 0.0 691.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	
65 66 67 68 69 70 71 72 73 74 75 76 77	12452.00 0.00 274.50 785413.00 571494.00 258953.00 193.50 213.75 63.00 414.00 708.75 236954.00 197917.00 243496.00 3562871.00	1467071 968680 166461 4709114 3984865 3366101 1638079 1755127 1444509 1018843 903042 3954881 3425331 2388845	.0 .0 .0 .0 .0 .0 .5 .5 .5 .0	0.0 0.0 0.0 0.0 0.0 17517.0 147322.5 136572.0 275665.5 0.0 0.0 517896.0 670294.0 373258.0 533493.0	0.0 0.0 0.0 0.0 0.0 0.0 24144.0 23808.0 9942.0 2148.0 13222.5 1190.0 0.0 6410.0	1396225.0 2008249.0 1717534.0 84750.0 42431.0 104701.0 53237.0 1042108.5 1340092.5 987219.0 300265.5 154896.0 154614.0 1082944.0 1415247.0 343240.0	23 	393:0 0.0 0.0 0.0 0.0 691.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	
65 66 67 68 69 70 71 72 73 74 75 76 77 78	12452.00 0.00 274.50 785413.00 571494.00 258953.00 193.50 213.75 63.00 414.00 708.75 236954.00 197917.00 243496.00 3562871.00 230.40	1467071 968680 166461 4709114 3984865 3366101 1638079 1755127 1444509 1018843 903042 3954881 3425331 2388845 6057955 440802	.0 .0 .0 .0 .0 .0 .5 .5 .5 .0 .0	0.0 0.0 0.0 0.0 0.0 17517.0 147322.5 136572.0 275665.5 0.0 670294.0 373258.0 533493.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 24144.0 23808.0 9942.0 2148.0 13222.5 1190.0 0.0 6410.0 5080.8	1396225.0 2008249.0 1717534.0 84750.0 42431.0 104701.0 53237.0 1042108.5 1340092.5 987219.0 300265.5 154896.0 1546144.0 1082944.0 1415247.0 343240.0 554588.4	23 	393:0 0.0 0.0 0.0 0.0 691.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	
65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	12452.00 0.00 274.50 785413.00 571494.00 258953.00 193.50 213.75 63.00 414.00 708.75 236954.00 197917.00 243496.00 3562871.00 230.40 4205.25	1467071 968680 166461 4709114 3984865 3366101 1638079 1755127 1444509 1018843 903042 3954881 3425331 2388845 6057955 440802 8637858	.0 .0 .0 .0 .0 .0 .5 .5 .0 .0 .0 .0	0.0 0.0 0.0 0.0 0.0 17517.0 147322.5 136572.0 275665.5 0.0 0.0 517896.0 670294.0 373258.0 533493.0 0.0 215547.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 24144.0 23808.0 9942.0 2148.0 13222.5 1190.0 0.0 6410.0 5080.8 42735.0	1396225.0 2008249.0 1717534.0 84750.0 42431.0 104701.0 53237.0 1042108.5 1340092.5 987219.0 300265.5 154896.0 1546144.0 1082944.0 1415247.0 343240.0 554588.4 578389.5	23 24 131 555	393:0 0.0 0.0 0.0 0.0 691.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	
65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81	12452.00 0.00 274.50 785413.00 571494.00 258953.00 193.50 213.75 63.00 414.00 708.75 236954.00 197917.00 243496.00 3562871.00 230.40 4205.25 3838.50	1467071 968680 166461 4709114 3984865 3366101 1638079 1755127 1444509 1018843 903042 3954881 3425331 2388845 6057955 440802 8637858 9961068	.0 .0 .0 .0 .0 .0 .5 .5 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	0.0 0.0 0.0 0.0 0.0 17517.0 147322.5 136572.0 275665.5 0.0 0.0 517896.0 670294.0 373258.0 533493.0 0.0 215547.0 225771.0	0.0 0.0 0.0 0.0 0.0 0.0 24144.0 23808.0 9942.0 2148.0 13222.5 1190.0 0.0 6410.0 5080.8 42735.0 42099.0	1396225.0 2008249.0 1717534.0 84750.0 42431.0 53237.0 1042108.5 1340092.5 987219.0 300265.5 154896.0 1546144.0 1082944.0 1415247.0 343240.0 554588.4 578389.5	23 24 133 555	393:0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	
65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82	12452.00 0.00 274.50 785413.00 571494.00 258953.00 193.50 213.75 63.00 414.00 708.75 236954.00 197917.00 243496.00 3562871.00 230.40 4205.25 3838.50 4331.25	1467071 968680 166461 4709114 3984865 3366101 1638079 1755127 1444509 1018843 903042 3954881 3425331 2388845 6057955 440802 8637858 9961068 8019282	.0 .0 .0 .0 .0 .5 .5 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	0.0 0.0 0.0 0.0 0.0 17517.0 147322.5 136572.0 275665.5 0.0 0.0 517896.0 670294.0 373258.0 533493.0 0.0 215547.0 225771.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 24144.0 23808.0 9942.0 2148.0 13222.5 1190.0 0.0 6410.0 5080.8 42735.0 42099.0 49702.5	1396225.0 2008249.0 1717534.0 84750.0 42431.0 104701.0 53237.0 1042108.5 1340092.5 987219.0 300265.5 154896.0 1546144.0 1082944.0 1415247.0 343240.0 554588.4 578389.5 779343.0 878392.5	23 133 555	393:0 0.0 0.0 0.0 0.0 691.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	
65 66 67 68 69 70 71 72 73 74 75 76 77 78 80 81 82 83	12452.00 0.00 274.50 785413.00 571494.00 258953.00 193.50 213.75 63.00 414.00 708.75 236954.00 197917.00 243496.00 3562871.00 230.40 4205.25 3838.50 4331.25 0.00	1467071 968680 166461 4709114 3984865 3366101 1638079 1755127 1444509 1018843 903042 3954881 3425331 2388845 6057955 440802 8637858 9961068 8019282	.0 .0 .0 .0 .0 .0 .5 .5 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	0.0 0.0 0.0 0.0 0.0 17517.0 147322.5 136572.0 275665.5 0.0 0.0 517896.0 670294.0 373258.0 533493.0 0.0 215547.0 225771.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 24144.0 23808.0 9942.0 2148.0 13222.5 1190.0 0.0 6410.0 5080.8 42735.0 42099.0 49702.5 0.0	1396225.0 2008249.0 1717534.0 84750.0 42431.0 104701.0 53237.0 1042108.5 1340092.5 154896.0 1546144.0 1082944.0 1415247.0 343240.0 554588.4 578389.5 779343.0	23 	393:0 0.0 0.0 0.0 691.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	
65 66 67 68 69 70 71 72 73 74 75 76 77 78 80 81 82 83 84	12452.00 0.00 274.50 785413.00 571494.00 258953.00 193.50 213.75 63.00 414.00 708.75 236954.00 197917.00 243496.00 3562871.00 230.40 4205.25 3838.50 4331.25 0.00 344.25	1467071 968680 166461 4709114 3984865 33661101 1638079 1755127 1444509 1018843 903042 3954881 3425331 2388845 6057955 440802 8637858 9961068 8019282	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	0.0 0.0 0.0 0.0 0.0 17517.0 147322.5 136572.0 275665.5 0.0 0.0 517896.0 670294.0 373258.0 533493.0 0.0 215547.0 225771.0 0.0 26517.0	0.0 0.0 0.0 0.0 0.0 0.0 24144.0 23808.0 9942.0 2148.0 13222.5 1190.0 0.0 6410.0 5080.8 42735.0 42099.0 49702.5 0.0 3678.0	1396225.0 2008249.0 1717534.0 84750.0 42431.0 104701.0 53237.0 1042108.5 1340092.5 987219.0 300265.5 154894.0 1082944.0 1415247.0 343240.0 554588.4 578389.5 779343.0 878392.0	23 133 555 15749	393:0 0.0 0.0 0.0 0.0 691.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	
65 66 67 68 69 70 71 72 73 74 75 76 77 80 81 82 83 84 85	12452.00 0.00 274.50 785413.00 571494.00 258953.00 193.50 213.75 63.00 414.00 708.75 236954.00 197917.00 243496.00 3562871.00 230.40 4205.25 3838.50 4331.25 0.00 344.25 288.00	1467071 968680 166461 4709114 3984865 33661101 1638079 1755127 1444509 1018843 903042 3954881 3425331 2388845 6057955 440802 8637858 9961068 8019282 0	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	0.0 0.0 0.0 0.0 0.0 17517.0 147322.5 136572.0 275665.5 0.0 0.0 517896.0 670294.0 373258.0 533493.0 0.0 215547.0 225771.0 0.0 26517.0 5323.5	0.0 0.0 0.0 0.0 0.0 0.0 24144.0 23808.0 9942.0 2148.0 13222.5 1190.0 0.0 6410.0 5080.8 42735.0 42099.0 49702.5 0.0 3678.0 5094.0	1396225.0 2008249.0 1717534.0 84750.0 42431.0 104701.0 53237.0 1042108.5 1340092.5 987219.0 300265.5 154896.0 1546144.0 1082944.0 1415247.0 343240.0 554588.4 578389.5 779343.0 878392.0	23 24 55 157 15749	393:0 0.0 0.0 0.0 0.0 0.0 691.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 702.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	
65 66 67 68 69 70 71 72 73 74 75 76 77 78 80 81 82 83 84	12452.00 0.00 274.50 785413.00 571494.00 258953.00 193.50 213.75 63.00 414.00 708.75 236954.00 197917.00 243496.00 3562871.00 230.40 4205.25 3838.50 4331.25 0.00 344.25	1467071 968680 166461 47091145 3384865 3366101 1638079 1755127 1444509 1018843 903042 3954881 3425331 2388845 6057955 440802 8637858 9961068 8019282 0 344965 299220 1627660	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	0.0 0.0 0.0 0.0 0.0 17517.0 147322.5 136572.0 275665.5 0.0 0.0 517896.0 670294.0 373258.0 533493.0 0.0 215547.0 225771.0 0.0 26517.0	0.0 0.0 0.0 0.0 0.0 0.0 24144.0 23808.0 9942.0 2148.0 13222.5 1190.0 0.0 6410.0 5080.8 42735.0 42099.0 49702.5 0.0 3678.0	1396225.0 2008249.0 1717534.0 84750.0 42431.0 104701.0 53237.0 1042108.5 1340092.5 987219.0 300265.5 154894.0 1082944.0 1415247.0 343240.0 554588.4 578389.5 779343.0 878392.0	23 139 55 157 5749	393:0 0.0 0.0 0.0 0.0 691.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	

OBS	STATION	YEAR	MOVIES	SERIES	SPORTS	DEVO	LOCAL	OTHER	TOTAL
88	KRON	88	126.0	2747.0	0.0	78.0	2024.0	4.0	4979.0
89	KRON	89	147.0	2837.0	0.0	48.0	2119.0	0.0	5151.0
90	KRON	90	392.0	2950.0	0.0	0.0	2412.0	0.0	5754.0
91	KSBW	88	451.5	2526.0	0.0	186.0	1828.5	0.0	4992.0
92	KSBW	89	319.5	2692.5	0.0	117.0	1695.0	0.0	4824.0
93	KSBW	90	249.0	2787.0	0.0	96.0	1764.0	0.0	4896.0
94	KSDK	90	104.0	3469.0	24.0	0.0	1967.0	132.0	5696.0
95	KSHB	88	2418.0	10285.0	84.0	0.0	288.0	0.0	13075.0
96	KSHB	89	2042.0	10764.0	100.0	0.0	292.0	0.0	13198.0
97	KSHB	90	1502.0		0.0	0.0	150.0	72.0	13028.0
98	KSL	88	250.5	3631.5	73.5	78.0	1395.0	0.0	5428.5
99	KSL	89	252.0		90.0	99.0	1342.5	0.0	5848.5
100	KSL	90	229.5	3202.5	0.0	48.0	2565.0	54.0	6102.0
101	KSNT	88	33.0	3088.5	111.0	556.5	1086.0	0.0	4875.0
102	KSNT	89	124.5	2437.5	114.0	276.0	955.5	0.0	3907.5
103	KSNT	90	195.0	2376.0	0.0	192.0	723.0	36.0	3522.0
104	KSTW	88	3339.6	8631.6	0.0	679.2	727.2	0.0	13377.6
105	KSTW	89	3982.8	7779.6	243.6	686.4	714.0	1.2	13407.6
106	KSTW	90	3379.2 2224.0		319.2 244.0	369.6	1269.6 859.0	0.0	13413.6
107 108	KTLA	88 89	2365.0		233.0	548.0	907.0	18.0 3.0	13436.0 13436.0
109	KTLA KTLA	90	2152.0		316.0	484.0 484.0	1218.0	0.0	13440.0
110	KTSF	90 89	1734.0		0.0	1776.0	2668.0	0.0	13226.0
111	KTTV	88	2899.0	9286.0	245.0	285.0	720.0	1.0	13436.0
112	KTTV	89	2186.0		262.0	308.0	1108.0	0.0	13440.0
113	KTTV	90	820.0		210.0	192.0	981.0	0.0	13220.0
114	KTVT	88	3488.4		540.0	271.2	220.8	37.2	13440.0
115	KTVT	89	2779.2	9650.4	320.4	259.2	399.6	31.2	13440.0
116	KTVT	90	2784.0		532.8	345.6	648.0	0.0	13423.2
OBS	VMOVIES	VSER	RIES	VSPORTS	VDEVO	VLOCA	L VC	OTHER	
									•
88	101204.00		8.0	0.0				0.0	•
88 89	101204.00 61406.00	201384 20338 <i>6</i>		0.0	6814.0	1188493. 1108879.	0	0.0	
89 90		201384 203386 176350	50.0 05.0		6814.0	1188493.	0		·
89 90 91	61406.00 249452.00 677.25	201384 20338 <i>8</i>	50.0 05.0	0.0	6814.0 0.0	1188493. 1108879.	0 0 0	0.0	·
89 90 91 92	61406.00 249452.00 677.25 479.25	201384 203386 176350	60.0 05.0 31.0	0.0 0.0 0.0 0.0	6814.0 0.0 0.0	1188493. 1108879. 881597. 318621. 387420.	0 0 0 0	0.0 0.0	·
89 90 91 92 93	61406.00 249452.00 677.25 479.25 373.50	201384 203386 176350 77258 133249 80333	50.0 05.0 31.0 92.0 32.5	0.0 0.0 0.0 0.0	6814.0 0.0 0.0 12108.0 27414.0	1188493. 1108879. 881597. 318621. 387420. 438709.	0 0 0 0 0	0.0 0.0 0.0 0.0 0.0	·
89 90 91 92 93 94	61406.00 249452.00 677.25 479.25 373.50 12942.00	201384 203386 176350 77258 133249 80333 131604	50.0 05.0 31.0 92.0 32.5 49.0	0.0 0.0 0.0 0.0 0.0 6852.0	6814.0 0.0 0.0 12108.0 27414.0 0.0	1188493. 1108879. 881597. 318621. 387420. 438709. 1047854.	0 0 0 0 0 0 5 0 334	0.0 0.0 0.0 0.0 0.0 412.0	·
89 90 91 92 93 94 95	61406.00 249452.00 677.25 479.25 373.50 12942.00 3434931.00	201384 203386 176350 77258 133249 80333 131604	50.0 05.0 31.0 92.0 32.5 49.0 21.0	0.0 0.0 0.0 0.0 0.0 6852.0 194604.0	6814.0 0.0 0.0 12108.0 27414.0 0.0 0.0	1188493. 1108879. 881597. 318621. 387420. 438709. 1047854. 101035.	0 0 0 0 0 0 5 0 334	0.0 0.0 0.0 0.0 0.0 412.0	·
89 90 91 92 93 94 95 96	61406.00 249452.00 677.25 479.25 373.50 12942.00 3434931.00 3048021.00	201384 203386 176350 77258 133249 80333 131604 1409422	60.0 05.0 31.0 72.0 32.5 49.0 21.0	0.0 0.0 0.0 0.0 0.0 6852.0 194604.0 228305.0	6814.0 0.0 0.0 12108.0 27414.0 0.0 0.0 0.0	1188493. 1108879. 881597. 318621. 387420. 438709. 1047854. 101035. 105579.	0 0 0 0 0 0 0 5 0 334	0.0 0.0 0.0 0.0 0.0 412.0 0.0	·
89 90 91 92 93 94 95 96	61406.00 249452.00 677.25 479.25 373.50 12942.00 3434931.00 3048021.00 2110609.00	201384 203386 176350 77258 133249 80333 131604 1409422 1418636	50.0 05.0 31.0 92.0 32.5 49.0 21.0 54.0	0.0 0.0 0.0 0.0 0.0 6852.0 194604.0 228305.0 0.0	6814.0 0.0 0.0 12108.0 27414.0 0.0 0.0 0.0	1188493. 1108879. 881597. 318621. 387420. 438709. 1047854. 101035. 105579. 7466.	0 0 0 0 0 0 5 0 0 5 0 0 334 0 0	0.0 0.0 0.0 0.0 0.0 412.0 0.0 0.0 384.0	
89 90 91 92 93 94 95 96 97	61406.00 249452.00 677.25 479.25 373.50 12942.00 3434931.00 3048021.00 2110609.00 375.75	201384 203386 176350 77258 133249 80333 131604 1409422 1418636 1662297 228837	50.0 95.0 31.0 92.0 32.5 49.0 21.0 64.0 77.0 71.5	0.0 0.0 0.0 0.0 0.0 6852.0 194604.0 228305.0 0.0	6814.0 0.0 0.0 12108.0 27414.0 0.0 0.0 0.0 0.0 17253.0	1188493. 1108879. 881597. 318621. 387420. 438709. 1047854. 101035. 105579. 7466. 851626.	0 0 0 0 0 0 5 5 0 334 0 0 0 3773	0.0 0.0 0.0 0.0 0.0 412.0 0.0 0.0 384.0	
89 90 91 92 93 94 95 96 97 98	61406.00 249452.00 677.25 479.25 373.50 12942.00 3434931.00 3048021.00 2110609.00 375.75 378.00	201384 203386 176350 77258 133249 80333 131604 1409422 1418636 1662297 228837 211734	50.0 05.0 31.0 92.0 32.5 49.0 21.0 64.0 77.0 71.5 47.5	0.0 0.0 0.0 0.0 0.0 6852.0 194604.0 228305.0 0.0 112228.5 148165.5	6814.0 0.0 0.0 12108.0 27414.0 0.0 0.0 0.0 0.0 17253.0 30981.0	1188493. 1108879. 881597. 318621. 387420. 438709. 1047854. 101035. 105579. 7466. 851626. 773205.	0 0 0 0 0 0 0 5 0 0 334 0 0 0 3773	0.0 0.0 0.0 0.0 412.0 0.0 0.0 0.0 0.0	
89 90 91 92 93 94 95 96 97 98 99 100	61406.00 249452.00 677.25 479.25 373.50 12942.00 3434931.00 3048021.00 2110609.00 375.75 378.00 344.25	201384 203386 176350 77258 133249 80333 131604 1409422 1418636 1662297 228837 211734	50.0 05.0 31.0 92.0 32.5 49.0 54.0 77.0 71.5 47.5 05.5	0.0 0.0 0.0 0.0 0.0 6852.0 194604.0 228305.0 0.0 112228.5 148165.5 0.0	6814.0 0.0 0.0 12108.0 27414.0 0.0 0.0 0.0 0.0 17253.0 30981.0 1278.0	1188493. 1108879. 881597. 318621. 387420. 438709. 1047854. 101035. 105579. 7466. 851626. 773205. 685195.	0 0 0 0 0 0 0 5 0 0 334 0 0 0 3773 5 0	0.0 0.0 0.0 0.0 412.0 0.0 0.0 0.0 584.0 0.0	
89 90 91 92 93 94 95 96 97 98 99 100 101	61406.00 249452.00 677.25 479.25 373.50 12942.00 3434931.00 3048021.00 2110609.00 375.75 378.00 344.25 49.50	201384 203386 176350 77258 133249 80333 131604 1409422 1418636 1662297 228833 211734 171866 151387	50.0 05.0 31.0 92.0 32.5 49.0 21.0 77.0 71.5 47.5 05.5 72.0	0.0 0.0 0.0 0.0 0.0 6852.0 194604.0 228305.0 0.0 112228.5 148165.5 0.0	6814.0 0.0 0.0 12108.0 27414.0 0.0 0.0 0.0 17253.0 30981.0 1278.0 65289.0	1188493. 1108879. 881597. 318621. 387420. 438709. 1047854. 101035. 105579. 7466. 851626. 773205. 685195. 557181.	0 0 0 0 0 0 5 0 0 334 0 0 0 3773 5 0 0 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0 0.0 0.0 0.0 412.0 0.0 0.0 0.0 0.0 0.0 0.0	
89 90 91 92 93 94 95 96 97 98 99 100 101	61406.00 249452.00 677.25 479.25 373.50 12942.00 3434931.00 3048021.00 2110609.00 375.75 378.00 344.25 49.50 186.75	201384 203386 176350 77258 133249 80333 131604 1409422 1418636 1662297 228837 211734 171866 151381 103234	50.0 05.0 31.0 92.0 32.5 49.0 21.0 64.0 71.5 47.5 05.5 72.0 46.5	0.0 0.0 0.0 0.0 0.0 6852.0 194604.0 228305.0 0.0 112228.5 148165.5 0.0 127669.5 210391.5	6814.0 0.0 0.0 12108.0 27414.0 0.0 0.0 0.0 0.0 17253.0 30981.0 1278.0 65289.0 13290.0	1188493. 1108879. 881597. 318621. 387420. 438709. 1047854. 101035. 105579. 7466. 851626. 7773205. 685195. 557181. 408555.	0 0 0 0 0 0 5 0 0 0 0 334 0 0 0 0 3773 5 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0 0.0 0.0 0.0 412.0 0.0 0.0 384.0 0.0 0.0 666.0 0.0	
89 90 91 92 93 94 95 96 97 98 99 100 101 102 103	61406.00 249452.00 677.25 479.25 373.50 12942.00 3434931.00 3048021.00 2110609.00 375.75 378.00 344.25 49.50 186.75 292.50	201384 203386 176350 77258 133249 80333 131604 1409422 1418636 1662297 228837 211734 171860 15138 103234 87323	50.0 05.0 31.0 92.0 92.0 21.0 64.0 77.0 71.5 47.5 07.0 72.0 46.5 37.0	0.0 0.0 0.0 0.0 6852.0 194604.0 228305.0 0.0 112228.5 148165.5 0.0 127669.5 210391.5 0.0	6814.0 0.0 0.0 12108.0 27414.0 0.0 0.0 0.0 17253.0 30981.0 1278.0 65289.0 13290.0 21448.5	1188493. 1108879. 881597. 318621. 387420. 438709. 1047854. 101035. 105579. 7466. 851626. 773205. 685195. 557181. 408555. 444226.	0 0 0 0 0 0 0 5 0 0 0 0 0 0 0 0 0 0 0 0	0.0 0.0 0.0 0.0 412.0 0.0 0.0 384.0 0.0 0.0 666.0 0.0 444.0	
89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104	61406.00 249452.00 677.25 479.25 373.50 12942.00 3434931.00 3048021.00 2110609.00 375.75 378.00 344.25 49.50 186.75 292.50 4007.52	201384 203386 176350 77258 133249 80333 131604 1409422 1418636 1662297 228837 211734 171860 15138 103234 87321 1316799	50.0 55.0 31.0 92.0 92.0 21.0 64.0 77.0 71.5 47.5 75.7 75.7 76.5 77.0 77.0	0.0 0.0 0.0 0.0 6852.0 194604.0 228305.0 0.0 112228.5 148165.5 0.0 127669.5 210391.5 0.0	6814.0 0.0 0.0 12108.0 27414.0 0.0 0.0 0.0 17253.0 30981.0 1278.0 65289.0 13290.0 21448.5 115484.4	1188493. 1108879. 881597. 318621. 387420. 438709. 1047854. 101035. 105579. 7466. 851626. 773205. 685195. 557181. 408555. 444226. 1201363.	0 0 0 0 0 0 0 5 0 0 0 0 0 0 0 0 0 0 0 0	0.0 0.0 0.0 0.0 412.0 0.0 0.0 384.0 0.0 0.0 666.0 0.0 464.0	
89 90 91 92 93 94 95 96 97 98 99 100 101 102 103	61406.00 249452.00 677.25 479.25 373.50 12942.00 3434931.00 3048021.00 2110609.00 375.75 378.00 344.25 49.50 186.75 292.50	201384 203386 176350 77258 133249 80333 131604 1409422 1418636 1662297 228837 211734 171860 15138 103234 87323	50.0 05.0 31.0 92.0 32.5 49.0 21.0 64.0 77.0 71.5 47.5 05.5 72.0 46.5 37.0 97.2 60.0	0.0 0.0 0.0 0.0 0.0 6852.0 194604.0 228305.0 0.0 112228.5 148165.5 0.0 127669.5 210391.5 0.0 644941.2	6814.0 0.0 0.0 12108.0 27414.0 0.0 0.0 0.0 17253.0 30981.0 1278.0 65289.0 13290.0 21448.5	1188493. 1108879. 881597. 318621. 387420. 438709. 1047854. 101035. 105579. 7466. 851626. 773205. 685195. 557181. 408555. 444226.	0 0 0 0 0 0 0 5 0 0 0 0 0 0 0 0 0 0 0 0	0.0 0.0 0.0 0.0 412.0 0.0 0.0 384.0 0.0 0.0 666.0 0.0 444.0 0.0 444.8	
89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105	61406.00 249452.00 677.25 479.25 373.50 12942.00 3434931.00 3048021.00 2110609.00 375.75 378.00 344.25 49.50 186.75 292.50 4007.52 4779.36	201384 203386 176350 77258 133245 80333 131604 1409422 1418636 1662297 228837 211734 171860 151387 103234 87321 1316798	50.0 55.0 31.0 52.0 32.5 49.0 21.0 54.0 77.0 71.5 47.5 05.5 72.0 46.5 37.0 97.2 60.0 70.4	0.0 0.0 0.0 0.0 6852.0 194604.0 228305.0 0.0 112228.5 148165.5 0.0 127669.5 210391.5 0.0	6814.0 0.0 0.0 12108.0 27414.0 0.0 0.0 0.0 17253.0 30981.0 1278.0 65289.0 13290.0 21448.5 115484.4 74476.8	1188493. 1108879. 881597. 318621. 387420. 438709. 1047854. 101035. 105579. 7466. 851626. 773205. 685195. 557181. 408555. 444226. 1201363. 1119794.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0 0.0 0.0 0.0 412.0 0.0 0.0 384.0 0.0 0.0 666.0 0.0 464.0	
89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105	61406.00 249452.00 677.25 479.25 373.50 12942.00 3434931.00 3048021.00 2110609.00 375.75 378.00 344.25 49.50 186.75 292.50 4007.52 4779.36 4055.04	201384 203386 176350 77258 133245 80333 131604 1409422 1418636 1662297 228837 211734 171860 151383 103234 8732 131679 837156 74131	50.0 05.0 31.0 92.0 32.5 49.0 21.0 54.0 77.0 71.5 47.5 05.5 72.0 46.5 97.2 60.0 70.4	0.0 0.0 0.0 0.0 0.0 6852.0 194604.0 228305.0 0.0 112228.5 148165.5 0.0 127669.5 210391.5 0.0 644941.2 720708.0	6814.0 0.0 0.0 12108.0 27414.0 0.0 0.0 0.0 17253.0 30981.0 1278.0 65289.0 13290.0 21448.5 115484.4 74476.8 19984.8	1188493. 1108879. 881597. 318621. 387420. 438709. 1047854. 101035. 105579. 7466. 851626. 773205. 685195. 557181. 408555. 444226. 1201363. 1119794. 1337176.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0 0.0 0.0 0.0 412.0 0.0 0.0 384.0 0.0 0.0 666.0 0.0 464.0 0.0 4446.8 0.0	
89 90 91 92 93 94 95 96 97 98 100 101 102 103 104 105 106	61406.00 249452.00 677.25 479.25 373.50 12942.00 3434931.00 3048021.00 2110609.00 375.75 378.00 344.25 49.50 186.75 292.50 4007.52 4779.36 4055.04 14057329.00	201384 203386 176350 77258 133249 80333 131604 1409422 1418636 1662297 228837 211734 171860 151383 103234 8732 131679 837156 74131	50.0 05.0 31.0 92.0 32.5 49.0 21.0 54.0 77.0 71.5 47.5 05.5 72.0 46.5 37.2 60.0 70.4 95.0 73.0	0.0 0.0 0.0 0.0 0.0 6852.0 194604.0 228305.0 0.0 112228.5 148165.5 0.0 127669.5 210391.5 0.0 644941.2 720708.0 1064170.0	6814.0 0.0 0.0 12108.0 27414.0 0.0 0.0 0.0 17253.0 30981.0 1278.0 65289.0 13290.0 21448.5 115484.4 74476.8 19984.8 131668.0	1188493. 1108879. 881597. 318621. 387420. 438709. 1047854. 101035. 105579. 7466. 851626. 773205. 685195. 557181. 408555. 444226. 1201363. 1201363. 1337176. 3984604.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0 0.0 0.0 0.0 412.0 0.0 0.0 0.0 0.0 0.0 0.0 666.0 0.0 464.0 0.0 446.8 0.0	
89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110	61406.00 249452.00 677.25 479.25 373.50 12942.00 3434931.00 3048021.00 2110609.00 375.75 378.00 344.25 49.50 186.75 292.50 4007.52 4779.36 4055.04 14057329.00 13297875.00	201384 203386 176350 77258 133249 80333 131604 1409422 1418636 1662297 228837 211734 171866 151387 103234 87322 1316799 87327 1316799 874131 2693819 285280	50.0 05.0 31.0 92.0 92.0 21.0 64.0 77.0 77.5 77.5 77.5 77.0 97.2 60.0 77.4 97.2 60.0 77.4 97.0	0.0 0.0 0.0 0.0 6852.0 194604.0 228305.0 0.0 112228.5 148165.5 0.0 127669.5 210391.5 0.0 644941.2 720708.0 1675908.0 662889.0 0.0	6814.0 0.0 0.0 12108.0 27414.0 0.0 0.0 0.0 0.0 17253.0 30981.0 1278.0 65289.0 13290.0 21448.5 115484.4 74476.8 19984.8 131668.0 275588.0 121150.0 13756.0	1188493. 1108879. 881597. 318621. 387420. 438709. 1047854. 101035. 105579. 7466. 851626. 773205. 685195. 557181. 408555. 444226. 1201363. 1119794. 1337176. 3984604.	0 0 0 0 0 0 0 5 0 0 0 0 33773 5 0 0 5 5 216 0 0 5 5 334 0 0 0 5 5 7 3 3 4 4 2 4 4 2 4 4 4 4 4 4 4 4 4 4 4 4	0.0 0.0 0.0 0.0 412.0 0.0 0.0 384.0 0.0 0.0 666.0 0.0 4464.0 0.0 446.8 0.0 1109.0 582.0	
89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110	61406.00 249452.00 677.25 479.25 373.50 12942.00 3434931.00 3048021.00 2110609.00 375.75 378.00 344.25 49.50 186.75 292.50 4007.52 4779.36 4055.04 14057329.00 13297875.00 5369904.00	201384 203386 176350 77258 133249 80333 131604 1409422 1418636 1662297 228833 211734 171866 151383 103234 87325 1316799 837156 74131 2693814 285280 136881	50.0 05.0 31.0 92.0 21.0 64.0 77.0 71.5 47.5 07.0 97.2 60.0 70.4 95.0 73.0 99.0 90.0 76.0	0.0 0.0 0.0 0.0 0.0 6852.0 194604.0 228305.0 0.0 112228.5 148165.5 0.0 127669.5 210391.5 0.0 644941.2 720708.0 1675908.0 662889.0 0.0 2363725.0	6814.0 0.0 0.0 12108.0 27414.0 0.0 0.0 0.0 17253.0 30981.0 1278.0 65289.0 13290.0 21448.5 115484.4 74476.8 19984.8 131668.0 275588.0 121150.0	1188493. 1108879. 881597. 318621. 387420. 438709. 1047854. 101035. 105579. 7466. 851626. 773265. 685195. 685195. 408555. 444226. 1201363. 1119794. 1337176. 3984604. 3996520. 1662768.	0 0 0 0 0 0 0 5 0 0 0 0 3773 5 0 0 0 5 5 216 0 0 5 5 334 0 0 0 5 5 7 3 7 3 4 4 2 4 4 2 4 4 4 4 4 4 4 4 4 4 4 4 4	0.0 0.0 0.0 0.0 0.0 412.0 0.0 0.0 384.0 0.0 0.0 666.0 0.0 446.8 0.0 1109.0 582.0 0.0 0.0	
89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111	61406.00 249452.00 677.25 479.25 373.50 12942.00 3434931.00 3048021.00 2110609.00 375.75 378.00 344.25 49.50 186.75 292.50 4007.52 4779.36 4055.04 14057329.00 13297875.00 5369904.00 96939.00 8305335.00 5837620.00	201384 203386 176350 77258 133249 80333 131604 1409422 1418636 166229; 22883; 211734 171860 15138; 103234 8732; 431679; 837154 74131; 285280; 136881; 4667; 257804; 295033;	50.0 55.0 31.0 92.0 349.0 21.0 64.0 77.0 71.5 47.5 95.0 97.2 60.0 70.4 95.0 70.4 95.0 70.0 97.2	0.0 0.0 0.0 0.0 0.0 6852.0 194604.0 228305.0 0.0 112228.5 148165.5 0.0 127669.5 210391.5 0.0 644941.2 720708.0 1064170.0 1675908.0 662889.0 0.0 2363725.0 2165301.0	6814.0 0.0 0.0 12108.0 27414.0 0.0 0.0 0.0 1.0 0.0 1.0 1.0 1	1188493. 1108879. 881597. 318621. 387420. 438709. 1047854. 101035. 105579. 7466. 851626. 773205. 685195. 557181. 408555. 444226. 1201363. 1119794. 1337176. 3984604. 3996520. 1662768. 210446. 1046148. 1310657.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0 0.0 0.0 0.0 412.0 0.0 384.0 0.0 0.0 666.0 0.0 446.8 0.0 446.8 0.0 109.0 582.0 0.0 0.0	
89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111	61406.00 249452.00 677.25 479.25 373.50 12942.00 3434931.00 3048021.00 2110609.00 375.75 378.00 344.25 49.50 186.75 292.50 4007.52 4779.36 4055.04 14057329.00 13297875.00 5369904.00 96939.00 8305335.00 2847208.00	201384 203386 176350 77258 133249 80333 131604 1409422 1418636 1662297 228837 211734 171866 15138 103234 87323 1316799 837156 74131 2693814 2852801 1368813 4667 257804 295033	50.0 05.0 31.0 92.0 32.5 49.0 21.0 64.0 77.0 77.5 77.5 97.2 60.0 77.0 77.0 77.0 97.2	0.0 0.0 0.0 0.0 0.0 6852.0 194604.0 228305.0 0.0 112228.5 148165.5 0.0 127669.5 210391.5 0.0 644941.2 720708.0 1064170.0 1675908.0 662889.0 0.0 2363725.0 2165301.0 1801251.0	6814.0 0.0 0.0 12108.0 27414.0 0.0 0.0 0.0 17253.0 30981.0 1278.0 63289.0 13290.0 21448.5 115484.4 74476.8 19984.8 131668.0 275588.0 121150.0 13756.0 202972.0 211958.0 233199.0	1188493. 1108879. 881597. 318621. 387420. 438709. 1047854. 101035. 105579. 7466. 851626. 773205. 685195. 557181. 408555. 444226. 1201363. 1119794. 1337176. 3984604. 3996520. 1662768. 210446. 1046148. 1310657. 1239052.	0 0 0 0 0 0 0 0 5 0 0 0 3773 5 0 0 5 5 216 0 0 5 5 314 2 4 8 0 2 5 0 0 5 5 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0 0.0 0.0 0.0 412.0 0.0 0.0 384.0 0.0 0.0 666.0 0.0 446.8 0.0 109.0 582.0 0.0 0.0	
89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 111 112	61406.00 249452.00 677.25 479.25 373.50 12942.00 3434931.00 3048021.00 2110609.00 375.75 378.00 344.25 49.50 186.75 292.50 4007.52 4779.36 4055.04 14057329.00 13297875.00 5369904.00 96939.00 8305335.00 5837620.00 2847208.00 4186.08	201384 203386 176350 77258 133249 80333 131604 1409422 1418636 1662297 22883; 211734 171860 15138; 103234 8732; 1316799 837156 74131; 2693814 285280; 136881; 26972 27804 2795033; 244227; 206072	50.0 55.0 31.0 52.0 32.5 49.0 21.0 54.0 77.0 77.5 55.5 72.0 97.2 60.0 77.4 95.0 97.2 60.0 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97.0	0.0 0.0 0.0 0.0 0.0 6852.0 194604.0 228305.0 0.0 112228.5 148165.5 0.0 127669.5 210391.5 0.0 644941.2 720708.0 1064170.0 1675908.0 662889.0 0.0 2363725.0 2165301.0 1801251.0 1544854.8	6814.0 0.0 0.0 12108.0 27414.0 0.0 0.0 0.0 17253.0 30981.0 1278.0 65289.0 13290.0 21448.5 115484.4 74476.8 19984.8 131668.0 275588.0 121150.0 13756.0 202972.0 211958.0 233199.0 48374.4	1188493. 1108879. 881597. 318621. 387420. 438709. 1047854. 101035. 105579. 7466. 851626. 773205. 685195. 557181. 408555. 444226. 1201363. 1119794. 1337176. 3984604. 3996520. 1662768. 210466. 1046148. 1310657. 1239052. 146130.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0 0.0 0.0 0.0 412.0 0.0 0.0 384.0 0.0 0.0 666.0 0.0 464.0 0.0 446.8 0.0 109.0 582.0 0.0 0.0 0.0	
89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111	61406.00 249452.00 677.25 479.25 373.50 12942.00 3434931.00 3048021.00 2110609.00 375.75 378.00 344.25 49.50 186.75 292.50 4007.52 4779.36 4055.04 14057329.00 13297875.00 5369904.00 96939.00 8305335.00 2847208.00	201384 203386 176350 77258 133249 80333 131604 1409422 1418636 1662297 228837 211734 171866 15138 103234 87323 1316799 837156 74131 2693814 2852801 1368813 4667 257804 295033	50.0 55.0 31.0 52.0 52.0 54.0 54.0 77.0 77.5 55.5 77.0 70.4 95.0 70.4 95.0 70.4 95.0 70.4 95.0 70.4 95.0 70.4	0.0 0.0 0.0 0.0 0.0 6852.0 194604.0 228305.0 0.0 112228.5 148165.5 0.0 127669.5 210391.5 0.0 644941.2 720708.0 1064170.0 1675908.0 662889.0 0.0 2363725.0 2165301.0 1801251.0	6814.0 0.0 0.0 12108.0 27414.0 0.0 0.0 0.0 17253.0 30981.0 1278.0 63289.0 13290.0 21448.5 115484.4 74476.8 19984.8 131668.0 275588.0 121150.0 13756.0 202972.0 211958.0 233199.0	1188493. 1108879. 881597. 318621. 387420. 438709. 1047854. 101035. 105579. 7466. 851626. 773205. 685195. 557181. 408555. 444226. 1201363. 1119794. 1337176. 3984604. 3996520. 1662768. 210446. 1046148. 1310657. 1239052.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0 0.0 0.0 0.0 412.0 0.0 0.0 384.0 0.0 0.0 666.0 0.0 446.8 0.0 109.0 582.0 0.0 0.0	

7.

OBS	STATION	YEAR	MOVIES	SERIES	SPORTS	DEVO	LOCAL	OTHER	TOTAL
117	KTVU	88	2763.0	8968.0	172.0	226.0	1311.0	0.0	13440.0
118	KTVU	89	2709.0	8773.0	214.0	196.0	1384.0	2.0	13278.0
119	KTVU	90	2536.0	8878.0	222.0	244.0	1368.0	16.0	13264.0
120	KTVX	88	928.5	4453.5	0.0	0.0	817.5	0.0	6199.5
121	KTVX	89	798.0	4528.5	19.5	0.0	763.5	0.0	6109.5
122	KTXH	88	2557.2	9429.6		535.2	31.2	14.4	13274.4
123	KTXH	89	2470.8	9631.2	678.0	448.8	19.2	6.0	13254.0
124 125	KTXL KTXL	88 89	3019.5 2944.5	8962.5 9081.0	0.0 0.0	810.0 744.0	634.5 670.5	7.5 0.0	13434.0 13440.0
126	KTXL	90	2595.0	9450.0	0.0	432.0	765.0	0.0	13242.0
127	KUED	89	0.0	0.0	0.0	0.0	0.0	8155.0	8155.0
128	KUHT	89	0.0	0.0	0.0	0.0	0.0	10134.0	10134.0
129	KUSA	88	472.8	3610.8	0.0	312.0	2269.2	4.8	6669.6
130	KUSA	89	181.2.	4284.0		236.4	1999.2	0.0	6716.4
131	KUSA	90	40.8	3301.2	28.8	398.4	2528.4	0.0	6300.0
132	KUTV	88	330.0	2626.5		198.0	1834.5	0.0	5098.5
133 134	KUTV	89 90	313.5 288.0	2442.0 2595.0		175.5	1801.5	0.0	4863.0
135	KUTV KVOS	88	2148.0	9861.6		96.0 422.4	2029.5 326.4	126.0 4.8	5136.0 12777.6
136	KVOS	89	2949.6			417.6	374.4	1.2	12957.6
137	KVOS	90	2866.8	9429.6	0.0	432.0	460.8	0.0	13190.4
138	KWGN	88	3584.4	8922.0		307.2	436.8	9.6	13434.0
139	KWGN	89	3652.8	9090.0	13.2	240.0	432.0	10.8	13438.8
140	KWGN	90	3508.8			576.0	608.4	0.0	13435.2
141	KXAS	88	97.2	2778.0		96.0	2072.4	0.0	5043.6
142	KXAS	89	28.8			93.6	1984.8	0.0	4982.4
143 144	KXAS KXTV	90 88	112.8 643.5			0.0	2101.2	0.0	5258.4
145	KXTV	89	630.0			91.5 96.0	1590.0 1582.5	0.0 0.0	4818.0 5712.0
OBS	VMOVIES	VSERI	ES	VSPORTS	VDEVO	VLOCAL	vor		
117	VMOVIES 6323593.00	VSER1				VLOCAL 3022425.0			
117 118	6323593.00 7298401.00	17625762 24689068	2.0 8 3.0 8	VSPORTS 867440.0 899365.0	VDEVO 25866.0 21718.0		577	HER 0.0 5.0	
117 118 119	6323593.00 7298401.00 5000101.00	17625762 24689068 16713448	.0 8 .0 8	VSPORTS 867440.0 899365.0 90316.0	VDEVO 25866.0 21718.0 14515.0	3022425.0 4194699.0 3534057.0	577 2597	HER 0.0 5.0 6.0	
117 118 119 120	6323593.00 7298401.00 5000101.00 1392.75	17625762 24689068 16713448 4476000	2.0 8 3.0 8 3.0 11	VSPORTS 867440.0 899365.0 90316.0 0.0	VDEVO 25866.0 21718.0 14515.0 0.0	3022425.0 4194699.0 3534057.0 477501.0	577 2597	HER 0.0 5.0 6.0 0.0	
117 118 119 120 121	6323593.00 7298401.00 5000101.00 1392.75 1197.00	17625762 24689068 16713448 4476000 1232641	2.0 8 3.0 8 3.0 11	VSPORTS 667440.0 899365.0 90316.0 0.0 2398.5	VDEVO 25866.0 21718.0 14515.0 0.0 0.0	3022425.0 4194699.0 3534057.0 477501.0 225012.0	577 2597	HER 0.0 5.0 6.0 0.0	
117 118 119 120 121 122	6323593.00 7298401.00 5000101.00 1392.75 1197.00 3068.64	17625762 24689068 16713448 4476000 1232641 3884817	2.0 8 3.0 8 3.0 11 3.0 .5 7.6 16	VSPORTS 667440.0 99365.0 90316.0 0.0 2398.5	VDEVO 25866.0 21718.0 14515.0 0.0 0.0 14163.6	3022425.0 4194699.0 3534057.0 477501.0 225012.0 12925.2	577 2597 481	HER 0.0 5.0 6.0 0.0 0.0 9.2	
117 118 119 120 121 122 123	6323593.00 7298401.00 5000101.00 1392.75 1197.00 3068.64 2964.96	17625762 24689068 16713448 4476000 1232641 3884817 5442204	2.0 8 3.0 11 3.0 11 3.0 5 7.6 16	VSPORTS 667440.0 99365.0 90316.0 0.0 2398.5 90166.4	VDEVO 25866.0 21718.0 14515.0 0.0 0.0 14163.6 6573.6	3022425.0 4194699.0 3534057.0 477501.0 225012.0 12925.2	577 2597 481 41	HER 0.0 5.0 6.0 0.0 0.0 9.2 2.8	
117 118 119 120 121 122	6323593.00 7298401.00 5000101.00 1392.75 1197.00 3068.64	17625762 24689068 16713448 4476000 1232641 3884817	2.0 8 3.0 11 3.0 11 3.0 5 7.6 16	VSPORTS 667440.0 99365.0 90316.0 0.0 2398.5	VDEVO 25866.0 21718.0 14515.0 0.0 0.0 14163.6 6573.6 276141.0	3022425.0 4194699.0 3534057.0 477501.0 225012.0 12925.2	577 2597 481 41 65	HER 0.0 5.0 6.0 0.0 0.0 9.2 2.8 4.0	
117 118 119 120 121 122 123 124 125 126	6323593.00 7298401.00 5000101.00 1392.75 1197.00 3068.64 2964.96 4529.25 4416.75 3892.50	17625762 24689068 16713448 4476000 1232641 3884817 5442204 20037330	8.0 8 8.0 11 1.0 .5 7.6 16 8.0 9	VSPORTS 667440.0 99365.0 90316.0 0.0 2398.5 99166.4 99552.0 0.0 0.0	VDEVO 25866.0 21718.0 14515.0 0.0 0.0 14163.6 6573.6 276141.0 208791.0 86937.0	3022425.0 4194699.0 3534057.0 477501.0 225012.0 12925.2 0.0 760293.0	577 2597 481 41 65	HER 0.0 5.0 6.0 0.0 0.0 9.2 2.8	
117 118 119 120 121 122 123 124 125 126 127	6323593.00 7298401.00 5000101.00 1392.75 1197.00 3068.64 2964.96 4529.25 4416.75 3892.50 0.00	17625762 24689068 16713448 4476000 1232641 3884817 5442204 20037330 21939988 11161314	2.0 8 3.0 8 3.0 11 3.0 .5 7.6 16 9.0 9	VSPORTS 667440.0 99365.0 90316.0 0.0 2398.5 99166.4 999552.0 0.0 0.0 0.0	VDEVO 25866.0 21718.0 14515.0 0.0 0.0 14163.6 6573.6 276141.0 208791.0 86937.0 0.0	3022425.0 4194699.0 3534057.0 477501.0 225012.0 12925.2 0.0 760293.0 795060.0 297153.0	577 2597 481 41 65	HER 0.0 5.0 6.0 0.0 0.0 9.2 2.8 4.0 0.0 0.0	
117 118 119 120 121 122 123 124 125 126 127 128	6323593.00 7298401.00 5000101.00 1392.75 1197.00 3068.64 2964.96 4529.25 4416.75 3892.50 0.00 0.00	17625762 24689068 16713448 4476000 1232641 3884817 5442204 20037330 21939988 11161314	2.0 8 3.0 8 3.0 11 3.0 .5 7.6 16 7.6 16 9.0 9	VSPORTS 667440.0 99365.0 90316.0 0.0 2398.5 99166.4 99552.0 0.0 0.0 0.0	VDEVO 25866.0 21718.0 14515.0 0.0 0.0 14163.6 6573.6 276141.0 208791.0 86937.0 0.0 0.0	3022425.0 4194699.0 3534057.0 477501.0 225012.0 12925.2 0.0 760293.0 795060.0 297153.0 0.0	577 2597 481 41 65 128275 143453	HER 0.0 5.0 6.0 0.0 9.2 2.8 4.0 0.0 0.0 5.0	
117 118 119 120 121 122 123 124 125 126 127 128 129	6323593.00 7298401.00 5000101.00 1392.75 1197.00 3068.64 2964.96 4529.25 4416.75 3892.50 0.00 0.00 567.36	17625762 24689068 16713448 4476000 1232641 3884817 5442204 20037330 21939988 11161314	2.0 8 3.0 8 3.0 11 3.0 5 7.6 16 7.6 16 7.0 9 7.0 9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	VSPORTS 67440.0 99365.0 90316.0 0.0 2398.5 90166.4 99552.0 0.0 0.0 0.0	VDEVO 25866.0 21718.0 14515.0 0.0 0.0 14163.6 6573.6 276141.0 208791.0 86937.0 0.0 60524.4	3022425.0 4194699.0 3534057.0 477501.0 225012.0 12925.2 0.0 760293.0 795060.0 297153.0 0.0 4112929.2	577 2597 481 41 65 128275 143453	HER 0.0 5.0 6.0 0.0 0.0 9.2 2.8 4.0 0.0 0.0 5.0 7.6	
117 118 119 120 121 122 123 124 125 126 127 128 129 130	6323593.00 7298401.00 5000101.00 1392.75 1197.00 3068.64 2964.96 4529.25 4416.75 3892.50 0.00 0.00 567.36 217.44	17625762 24689068 16713448 4476000 1232641 3884817 5442204 20037330 21939988 11161314 0 5886676 6332473	2.0 8 3.0 8 3.0 11 3.0 .5 3.6 16 3.0 5 3.5 .0 0 3.5 .0 0	VSPORTS 667440.0 99365.0 90316.0 0.0 2398.5 99166.4 999552.0 0.0 0.0 0.0 0.0 0.0	VDEVO 25866.0 21718.0 14515.0 0.0 14163.6 6573.6 276141.0 208791.0 86937.0 0.0 60524.4 70851.6	3022425.0 4194699.0 3534057.0 477501.0 225012.0 12925.2 0.0 760293.0 795060.0 297153.0 0.0 4112929.2 4332282.0	577 2597 481 41 65 128275 143453	HER 0.0 5.0 6.0 0.0 0.0 9.2 2.8 4.0 0.0 0.0 5.0 7.6	
117 118 119 120 121 122 123 124 125 126 127 128 129 130	6323593.00 7298401.00 5000101.00 1392.75 1197.00 3068.64 2964.96 4529.25 4416.75 3892.50 0.00 0.00 567.36 217.44 48.96	17625762 24689068 16713448 4476000 1232641 3884817 5442204 20037330 21939988 11161314 0 5886676 6332473 4342954	2.0 8 3.0 8 3.0 11 3.0 5 4.6 16 3.5 5 3.5 3.0 3.5 3.6 3.5 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6	VSPORTS 667440.0 99365.0 90316.0 0.0 2398.5 90166.4 999552.0 0.0 0.0 0.0 0.0 0.0 29031.6	VDEVO 25866.0 21718.0 14515.0 0.0 14163.6 6573.6 276141.0 208791.0 86937.0 0.0 60524.4 70851.6 106459.2	3022425.0 4194699.0 3534057.0 477501.0 225012.0 12925.2 0.0 760293.0 795060.0 297153.0 0.0 4112929.2 4332282.0 4485144.0	577 2597 481 41 65 128275 143453 1406	HER 0.0 5.0 6.0 0.0 0.0 9.2 2.8 4.0 0.0 0.0 0.0 5.0 7.6	
117 118 119 120 121 122 123 124 125 126 127 128 129 130	6323593.00 7298401.00 5000101.00 1392.75 1197.00 3068.64 2964.96 4529.25 4416.75 3892.50 0.00 0.00 567.36 217.44	17625762 24689068 16713448 4476000 1232641 3884817 5442204 20037330 21939988 11161314 0 5886676 6332473	2.0 8 3.0 11 3.0 15 5.6 16 3.5 3.0 3.5 3.5 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	VSPORTS 667440.0 99365.0 90316.0 0.0 2398.5 99166.4 999552.0 0.0 0.0 0.0 0.0 0.0	VDEVO 25866.0 21718.0 14515.0 0.0 14163.6 6573.6 276141.0 208791.0 86937.0 0.0 60524.4 70851.6	3022425.0 4194699.0 3534057.0 477501.0 225012.0 12925.2 0.0 760293.0 795060.0 297153.0 0.0 4112929.2 4332282.0 4485144.0 1575001.5	577 2597 481 41 65 128275 143453 1406	HER 0.0 5.0 6.0 0.0 9.2 2.8 4.0 0.0 0.0 5.0 7.6 0.0 0.0 0.0	
117 118 119 120 121 122 123 124 125 126 127 128 129 130 131	6323593.00 7298401.00 5000101.00 1392.75 1197.00 3068.64 2964.96 4529.25 4416.75 3892.50 0.00 0.00 567.36 217.44 48.96 495.00	17625762 24689068 16713448 4476000 1232641 3884817 5442204 20037330 21939988 11161314 0 5886676 6332473 4342954 1930875	2.0 8 3.0 11 3.0 15 3.6 16 3.5 3.5 3.0 3.5 3.5 3.0 3.5 3.5 3.0 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5	VSPORTS 667440.0 99365.0 90316.0 0.0 2398.5 90166.4 999552.0 0.0 0.0 0.0 0.0 0.0 29031.6 239122.8	VDEVO 25866.0 21718.0 14515.0 0.0 0.0 14163.6 6573.6 276141.0 208791.0 86937.0 0.0 60524.4 70851.6 106459.2 14043.0	3022425.0 4194699.0 3534057.0 477501.0 225012.0 12925.2 0.0 760293.0 795060.0 297153.0 0.0 4112929.2 4332282.0 4485144.0	577 2597 481 41 65 128275 143453 1406	HER 0.0 5.0 6.0 0.0 9.2 2.8 4.0 0.0 0.0 5.0 7.6 0.0 0.0 0.0	
117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133	6323593.00 7298401.00 5000101.00 1392.75 1197.00 3068.64 2964.96 4529.25 4416.75 3892.50 0.00 0.00 567.36 217.44 48.96 495.00 470.25 432.00 2577.60	17625762 24689068 16713448 4476000 1232641 3884817 5442204 20037330 21939988 11161314 0 5886676 6332473 434295 1930875 1710595 1164822 7026639	2.0 8 3.0 8 3.0 11 3.0 11 3.5 16 16 3.5 10 3 3.5 10 3 3.5 10 3 3.5 10 3 3.6 10 3 3.7 10 3 3.8 10 3 3.0	VSPORTS 667440.0 99365.0 90316.0 0.0 2398.5 90166.4 99552.0 0.0 0.0 0.0 0.0 29031.6 239122.8 150777.0 140413.5 0.0 9410.4	VDEVO 25866.0 21718.0 14515.0 0.0 0.0 14163.6 6573.6 276141.0 208791.0 86937.0 0.0 60524.4 70851.6 106459.2 14043.0 25590.0 21885.0 62232.0	3022425.0 4194699.0 3534057.0 477501.0 225012.0 12925.2 0.0 760293.0 795060.0 297153.0 0.0 4112929.2 4332282.0 4485144.0 1575001.5 1273264.5 1244817.0 24208.8	577 2597 481 41 65 128275 143453 1406	HER 0.0 5.0 6.0 0.0 9.2 2.8 4.0 0.0 0.0 0.0 5.0 7.6 0.0 0.0 0.0 5.5 0.0	
117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135	6323593.00 7298401.00 5000101.00 1392.75 1197.00 3068.64 2964.96 4529.25 4416.75 3892.50 0.00 0.00 567.36 217.44 48.96 495.00 470.25 432.00 2577.60 3539.52	17625762 24689068 16713448 4476000 1232641 3884817 5442204 20037330 21939988 11161314 0 5886676 6332473 4342954 1930875 1710595 1164822 7026639 7104795	2.0 8 3.0 8 3.0 11 3.0 11 3.5 16 3.0 9 3.0	VSPORTS 67440.0 99365.0 90316.0 0.0 2398.5 90166.4 99552.0 0.0 0.0 0.0 0.0 0.0 29031.6 339122.8 150777.0 140413.5 0.0 9410.4 0.0	VDEVO 25866.0 21718.0 14515.0 0.0 0.0 14163.6 6573.6 276141.0 208791.0 86937.0 0.0 60524.4 70851.6 106459.2 14043.0 25590.0 21885.0 66232.0 66384.0	3022425.0 4194699.0 3534057.0 477501.0 225012.0 12925.2 0.0 760293.0 795060.0 297153.0 0.0 4112929.2 4332282.0 4485144.0 1575001.5 1273264.5 1244817.0 24208.8 15288.0	577 2597 481 41 65 128275 143453 1406	HER 0.0 5.0 6.0 0.0 9.2 2.8 4.0 0.0 0.0 5.0 7.6 0.0 0.0 0.0 5.5 0.0 0.0	
117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136	6323593.00 7298401.00 5000101.00 1392.75 1197.00 3068.64 2964.96 4529.25 4416.75 3892.50 0.00 0.00 567.36 217.44 48.96 495.00 470.25 432.00 2577.60 3539.52 3440.16	17625762 24689068 16713448 4476000 1232641 3884817 5442204 20037330 21939988 11161314 0 5886676 6332473 4342954 1930875 1710595 116482 7026639 7104795 6407546	2.0 8 3.0 11 3.0 15 3.0 16 3.0 5 3.0 3 3.5 3 3.0 3 3.5 3 3.0 3 3.5 3 3.6 3 3 3.6 3 3.6 3 3.6 3 3.6 3 3.6 3 3.6 3 3.6 3 3.6 3 3.6 3 3	VSPORTS 667440.0 99365.0 90316.0 0.0 2398.5 990166.4 99552.0 0.0 0.0 0.0 0.0 29031.6 339122.8 150777.0 140413.5 0.0 9410.4 0.0 0.0	VDEVO 25866.0 21718.0 14515.0 0.0 0.0 14163.6 6573.6 276141.0 208791.0 86937.0 0.0 60524.4 70851.6 106459.2 14043.0 25590.0 21885.0 66232.0 66384.0 79820.4	3022425.0 4194699.0 3534057.0 477501.0 225012.0 12925.2 0.0 760293.0 795060.0 297153.0 0.0 4112929.2 4332282.0 4485144.0 1575001.5 1273264.5 1244817.0 24208.8 15288.0 23940.0	577 2597 481 41 65 128275 143453 1406	HER 0.0 5.0 6.0 0.0 9.2 2.8 4.0 0.0 0.0 5.0 7.6 0.0 0.0 0.0 5.0 7.6 0.0 0.0 0.0 0.0 0.0	
117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137	6323593.00 7298401.00 5000101.00 1392.75 1197.00 3068.64 2964.96 4529.25 4416.75 3892.50 0.00 0.00 567.36 217.44 48.96 495.00 470.25 432.00 2577.60 3539.52 3440.16 4301.28	17625762 24689068 16713448 4476000 1232641 3884817 5442204 20037330 21939988 11161314 0 5886676 6332473 4342954 1930875 1710595 1164822 7026639 7104795 6407546 12845833	2.0 8 3.0 8 3.0 11 3.0 .5 3.6 16 3.0 9 3.5 .0 9 3.5 .0 9 3.5 .0 9 3.5 .0 9 3.6 .0 9 3.6 .0 9 3.7 .0 9 3.8 .0 9 3	VSPORTS 667440.0 99365.0 90316.0 0.0 2398.5 99166.4 999552.0 0.0 0.0 0.0 0.0 29031.6 239122.8 50777.0 140413.5 0.0 9410.4 0.0 387087.6	VDEVO 25866.0 21718.0 14515.0 0.0 0.0 14163.6 6573.6 276141.0 208791.0 86937.0 0.0 60524.4 70851.6 106459.2 14043.0 25590.0 21885.0 66284.0 79820.4 28891.2	3022425.0 4194699.0 3534057.0 477501.0 225012.0 12925.2 0.0 760293.0 795060.0 297153.0 0.0 4112929.2 4332282.0 4485144.0 1575001.5 1273264.5 1244817.0 24208.8 15288.0 23940.0 651744.0	577 2597 481 41 65 128275 143453 1406	HER 0.0 5.0 6.0 0.0 9.2 2.8 4.0 0.0 0.0 5.0 7.6 0.0 0.0 0.0 0.0 0.0 0.0 0	
117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138	6323593.00 7298401.00 5000101.00 1392.75 1197.00 3068.64 2964.96 4529.25 4416.75 3892.50 0.00 567.36 217.44 48.96 495.00 470.25 432.00 2577.60 3539.52 3440.16 4301.28 4383.36	17625762 24689068 16713448 4476000 1232641 3884817 5442204 20037330 21939988 11161314 0 5886676 6332473 4342954 1930875 1710595 1164822 7026637 7104795 6407546 12845833 13589534	2.0 8 3.0 11 3.0 .5 3.6 16 3.0 .0 3.5 .0 3.5 .0 3.5 .0 3.5 .0 3.6 .0 3.7 .0 3.8 .0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3	VSPORTS 667440.0 99365.0 90316.0 0.0 2398.5 99166.4 999552.0 0.0 0.0 0.0 0.0 0.0 40413.5 0.0 9410.4 0.0 0.0 387087.6 16172.4	VDEVO 25866.0 21718.0 14515.0 0.0 14163.6 6573.6 276141.0 208791.0 86937.0 0.0 60524.4 70851.6 106459.2 14043.0 25590.0 21885.0 6232.0 66384.0 79820.4 28891.2 46965.6	3022425.0 4194699.0 3534057.0 477501.0 225012.0 12925.2 0.0 760293.0 795060.0 297153.0 0.0 4112929.2 4332282.0 4485144.0 1575001.5 1273264.5 124208.8 15288.0 23940.0 651744.0 643572.0	577 2597 481 41 65 128275 143453 1406 8798	HER 0.0 5.0 6.0 0.0 9.2 2.8 4.0 0.0 0.0 5.0 7.6 0.0 0.0 0.0 0.0 0.0 0.0 0	
117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137	6323593.00 7298401.00 5000101.00 1392.75 1197.00 3068.64 2964.96 4529.25 4416.75 3892.50 0.00 0.00 567.36 217.44 48.96 495.00 470.25 432.00 2577.60 3539.52 3440.16 4301.28	17625762 24689068 16713448 4476000 1232641 3884817 5442204 20037330 21939988 11161314 0 5886676 6332473 4342954 1930875 1710595 1164822 7026639 7104795 6407546 12845833	8.0 8 8.0 11 1.0 .5 6.6 16 9.0 9 1.0	VSPORTS 667440.0 99365.0 90316.0 0.0 2398.5 90166.4 99552.0 0.0 0.0 0.0 0.0 0.0 29031.6 239122.8 150777.0 140413.5 0.0 9410.4 0.0 0.887087.6 16172.4 82014.0	VDEVO 25866.0 21718.0 14515.0 0.0 14163.6 6573.6 276141.0 208791.0 86937.0 0.0 60524.4 70851.6 106459.2 14043.0 25590.0 21885.0 6232.0 66384.0 79820.4 28891.2 46965.6 121534.8	3022425.0 4194699.0 3534057.0 477501.0 225012.0 12925.2 0.0 760293.0 795060.0 297153.0 0.0 4112929.2 4332282.0 4485144.0 1575001.5 1273264.5 1244817.0 24208.8 15288.0 23940.0 651744.0 643572.0 967233.6	577 2597 481 41 65 128275 143453 1406 8798	HER 0.0 5.0 6.0 0.0 0.0 9.2 2.8 4.0 0.0 0.0 0.0 5.0 7.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	
117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 137 138 139 140	6323593.00 7298401.00 5000101.00 1392.75 1197.00 3068.64 2964.96 4529.25 4416.75 3892.50 0.00 0.00 567.36 217.44 48.96 495.00 470.25 432.00 2577.60 3539.52 3440.16 4301.28 4383.36 4210.56	17625762 24689068 16713448 4476000 1232641 3884817 5442204 20037330 21939988 11161314 0 5886676 6332473 4342954 1930875 1710595 1164822 7026639 7104795 6407546 12845833 13589534	8.0 8 8.0 11 1.0 .5 1.6 16 1.0 9 1.0	VSPORTS 667440.0 99365.0 90316.0 0.0 2398.5 99166.4 999552.0 0.0 0.0 0.0 0.0 0.0 40413.5 0.0 9410.4 0.0 0.0 387087.6 16172.4	VDEVO 25866.0 21718.0 14515.0 0.0 14163.6 6573.6 276141.0 208791.0 86937.0 0.0 60524.4 70851.6 106459.2 14043.0 25590.0 21885.0 6232.0 66384.0 79820.4 28891.2 46965.6	3022425.0 4194699.0 3534057.0 477501.0 225012.0 12925.2 0.0 760293.0 795060.0 297153.0 0.0 4112929.2 4332282.0 4485144.0 1575001.5 1273264.5 124208.8 15288.0 23940.0 651744.0 643572.0	577 2597 481 41 65 128275 143453 1406 8798	HER 0.0 5.0 6.0 0.0 9.2 2.8 4.0 0.0 0.0 5.0 7.6 0.0 0.0 0.0 0.0 0.0 0.0 0	
117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141	6323593.00 7298401.00 5000101.00 1392.75 1197.00 3068.64 2964.96 4529.25 4416.75 3892.50 0.00 0.00 567.36 217.44 48.96 495.00 470.25 432.00 2577.60 3539.52 3440.16 4301.28 4383.36 4210.56 116.64 34.56 135.36	17625762 24689068 16713448 4476000 1232641 3884817 5442204 20037330 21939988 11161314 0 5886676 63324754 1930875 1710595 1164822 7026639 7104795 6407546 12845833 13589534 12865022 2215731 1645662 1238467	8.0 8 8.0 11 1.0 15 1.0 16 1.0 16	VSPORTS 67440.0 99365.0 90316.0 0.0 2398.5 90166.4 99552.0 0.0 0.0 0.0 0.0 0.0 29031.6 239122.8 150777.0 140413.5 0.0 9410.4 0.0 0.0 387087.6 16172.4 82014.0 0.0 55500.0 18939.6	VDEVO 25866.0 21718.0 14515.0 0.0 0.0 14163.6 6573.6 276141.0 208791.0 86937.0 0.0 60524.4 70851.6 106459.2 14043.0 25590.0 21885.0 66384.0 79820.4 28891.2 46965.6 121534.8 5208.0 9158.4 0.0	3022425.0 4194699.0 3534057.0 4775012.0 12925.2 0.0 760293.0 795060.0 297153.0 0.0 4112929.2 4332282.0 4485144.0 1575001.5 1273264.5 1244817.0 24208.8 15288.0 23940.0 651744.0 967233.6 1492323.6 1319449.2 1086752.4	577 2597 481 41 65 128275 143453 1406 8798	HER 0.0 5.0 6.0 0.0 9.2 2.8 4.0 0.0 0.0 5.0 7.6 0.0 0.0 0.0 5.5 0.0 0.0 0.0 0.0 0.0 0.0	
117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 137 138 139 140	6323593.00 7298401.00 5000101.00 1392.75 1197.00 3068.64 2964.96 4529.25 4416.75 3892.50 0.00 567.36 217.44 48.96 495.00 470.25 432.00 2577.60 3539.52 3440.16 4301.28 4383.36 4210.56 116.64 34.56	17625762 24689068 16713448 4476000 1233641 3884817 5442204 20037330 21939988 11161314 0 5886676 6332473 4342954 1930875 1710595 1164822 7026639 7104795 6407546 12845833 12865022 2215731 1645662	2.0 8 8.0 8 9.0 11 9.0 15 1.6 16 9.0 9 9.0 9 9 9.0 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	VSPORTS 667440.0 99365.0 90316.0 0.0 2398.5 90166.4 99552.0 0.0 0.0 0.0 0.0 0.0 29031.6 239122.8 150777.0 140413.5 0.0 9410.4 0.0 0.0 387087.6 16172.4 82014.0 0.0 55500.0	VDEVO 25866.0 21718.0 14515.0 0.0 0.0 14163.6 6573.6 276141.0 208791.0 86937.0 0.0 60524.4 70851.6 106459.2 14043.0 25590.0 21885.0 62232.0 66384.0 79820.4 28891.2 46965.6 121534.8 5208.0 9158.4	3022425.0 4194699.0 3534057.0 477501.0 225012.0 12925.2 0.0 760293.0 795060.0 297153.0 0.0 4112929.2 4332282.0 4485144.0 1575001.5 1273264.5 1244817.0 24208.8 15288.0 23940.0 651744.0 967233.6 1492323.6 1319449.2	577 2597 481 41 65 128275 143453 1406 8798	HER 0.0 5.0 6.0 0.0 9.2 2.8 4.0 0.0 0.0 5.0 7.6 0.0 0.0 0.0 0.0 5.5 0.0 0.0 0	

6					CDCDTC	DEVO	LOCAL	OTHER	TOTAL
OBS	STATION	YEAR	MOVIES	SERIES	SPORTS			19.2	13238.4
		88	2772.0	8498.4	0.0	1838.4	110.4 153.6	0.0	13207.2
146	KXTX	89	2097.6	8589.6	0.0	2366.4	184.8	0.0	13149.6
147	KXTX	90	2841.6	7996.8	0.0	2126.4	1692.0	2.0	5023.0
148	KXTX	88	492.0	2759.0	0.0	78.0	1540.0	0.0	4952.0
149	KYW	89	448.0	2916.0	0.0	48.0 0.0	1550.0	0.0	5253.0
150	KYW KYW	90	327.0	3375.0	0.0	140.0	1835.0	0.0	5344.0
151 152	WABC	88	1359.0	1957.0	53.0	144.0	1548.0	0.0	5592.0
153	WABC	89	1488.0	2356.0	56.0 0.0	144.0	1719.0	56.0	5545.0
154	WABC	90	1204.0	2422.0	0.0	272.0	1672.0	0.0	6273.0
155	WAGA	88	262.0	4067.0 4348.0	0.0	316.0	1631.0	0.0	6392.0
156	WAGA	89	97.0	4184.0	0.0	200.0	1735.0	0.0	6131.0 5733.0
157	WAGA	90	12.0 360.0	3462.0	13.0	2.0	1896.0	0.0	5601.0
158	WBAL	88 89	275.0	3463.0	0.0	30.0	1833.0	0.0 0.0	5589.0
159	WBAL	90	172.0	3299.0	0.0	80.0	2037.0	0.0	4447.0
160	WBAL	88	121.0	2368.0	0.0	0.0	1958.0 1906.0	0.0	4794.0
161	WBBM	89	41.0	2847.0	0.0 .	0.0	1795.0	0.0	4479.0
162	WBBM WBBM	90	54.0	2605.0	24.0	0.0 1286.0	145.0	4.0	13338.0
163 164	WBFF	88	3110.0	8556.0	237.0	972.0	182.0	0.0	13358.0
165	WBFF	89	1994.0	9898.0	312.0 0.0	606.0	220.0	230.0	13160.0
166	WBFF	90	2018.0	10086.0	84.0	141.0	1719.0	3.0	6408.0
167	WBNS	88	1479.0	2982.0 3165.0	0.0	120.0	1564.5	0.0	5784.0
168	WBNS	89	934.5	3385.5	0.0	96.0	1488.0	0.0	5949.0 4768.5
169	WBNS	90	979.5 64.5	2875.5	153.0	264.0	1405.5	6.0	4567.5
170	WBRE	88 89	0.0	2851.5	123.0	252.0	1341.0	0.0 0.0	4869.0
171	WBRE	90	12.0	3264.0	220.5	150.0	1221.0 2096.0	0.0	5684.0
172	WBRE WBZ	88	386.0	3154.0		48.0 48.0	2094.0	0.0	5350.0
173 174	WBZ	89	251.0	2957.0	0.0	40.0	207110		
ORS	VMOVIES	VSE	RIES	SPORTS	VDEVO	VLOCAL	_ vo	THER	
OBS					VDEVO 668678.4	9873.	- 6	0.0	
146	3326.40	127730	022.0	0.0	668678.4 335629.2	9873. 1987.	- 6 2	0.0	
146 147	3326.40 2517.12	127730 96795	022.0 580.4	0.0	668678.4 335629.2 449395.2	9873. 1987. 7575.	- 6 2 6	0.0 0.0 0.0	
146 147 148	3326.40 2517.12 3409.92	127730 96795 7174	022.0 580.4 130.4	0.0 0.0 0.0	668678.4 335629.2 449395.2 764.0	9873.4 1987. 7575. 1052848.	6 2 6 0	0.0 0.0 0.0 0.0	
146 147 148 149	3326.40 2517.12 3409.92 177473.00	127730 96795 7174 23630 2825	022.0 580.4 130.4 678.0 133.0	0.0 0.0 0.0 0.0	668678.4 335629.2 449395.2 764.0 0.0	9873. 1987. 7575. 1052848. 823064.	6 2 6 0	0.0 0.0 0.0 0.0	
146 147 148 149 150	3326.40 2517.12 3409.92 177473.00 298822.00	127730 96795 7174 23636 2825 2109	022.0 580.4 130.4 678.0 133.0	0.0 0.0 0.0 0.0 0.0	668678.4 335629.2 449395.2 764.0 0.0	9873. 1987. 7575. 1052848. 823064. 1180539.	6 2 6 0 0	0.0 0.0 0.0 0.0	
146 147 148 149 150	3326.40 2517.12 3409.92 177473.00 298822.00 150597.00	127730 96795 7174 23630 2825 2109 819	022.0 580.4 130.4 678.0 133.0 115.0	0.0 0.0 0.0 0.0 0.0 0.0	668678.4 335629.2 449395.2 764.0 0.0 0.0	9873.1 1987. 7575. 1052848. 823064. 1180539. 585112.	6 2 6 0 0 0	0.0 0.0 0.0 0.0 0.0	
146 147 148 149 150 151	3326.40 2517.12 3409.92 177473.00 298822.00 150597.00 67543.00	127730 96795 7174 23636 2825 2109 819 728	022.0 580.4 130.4 678.0 133.0 115.0 049.0 626.0	0.0 0.0 0.0 0.0 0.0 0.0 14128.0 7693.0	668678.4 335629.2 449395.2 764.0 0.0 0.0 0.0 1062.0	9873. 1987. 7575. 1052848. 823064. 1180539. 585112. 214540.	6 2 6 0 0 0 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0	
146 147 148 149 150 151 152	3326.40 2517.12 3409.92 177473.00 298822.00 150597.00 67543.00 105814.00 62392.00	127730 96795 7174 23636 2825 2109 819 728	022.0 580.4 130.4 678.0 133.0 115.0 049.0 626.0	0.0 0.0 0.0 0.0 0.0 0.0 14128.0 7693.0 0.0	668678.4 335629.2 449395.2 764.0 0.0 0.0 0.0 1062.0 0.0	9873.1 1987. 7575. 1052848. 823064. 1180539. 585112. 214540. 202109.	6 2 6 0 0 0 0 0 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	
146 147 148 149 150 151	3326.40 2517.12 3409.92 177473.00 298822.00 150597.00 67543.00 105814.00 62392.00 42339.00	127730 96795 7174 23636 2825 2109 819 728 725	022.0 580.4 130.4 678.0 133.0 115.0 049.0 626.0 436.0	0.0 0.0 0.0 0.0 0.0 0.0 14128.0 7693.0 0.0	668678.4 335629.2 449395.2 764.0 0.0 0.0 0.0 1062.0 0.0 8252.0	9873.1 1987. 7575. 1052848. 823064. 1180539. 585112. 214540. 202109. 747193. 422811	6 2 6 0 0 0 0 0 0 .0 .0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	
146 147 148 149 150 151 152 153 154	3326.40 2517.12 3409.92 177473.00 298822.00 150597.00 67543.00 105814.00 62392.00 42339.00 13832.00	127730 96795 7174 23636 2825 2109 819 728 725 1006 812	022.0 580.4 130.4 678.0 133.0 115.0 049.0 626.0 436.0 5719.0	0.0 0.0 0.0 0.0 0.0 0.0 14128.0 7693.0 0.0 0.0	668678.4 335629.2 449395.2 764.0 0.0 0.0 0.0 1062.0 0.0	9873.1 1987. 7575. 1052848. 823064. 1180539. 585112. 214540. 202109. 747193. 422811 847207	6 2 6 0 0 0 0 0 0 0 18'	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 165.0 0.0	
146 147 148 149 150 151 152 153 154 155	3326.40 2517.12 3409.92 177473.00 298822.00 150597.00 67543.00 105814.00 62392.00 42339.00 13832.00 2460.00	127730 96795 7174 23636 2825 2109 819 728 725 1006 812 874	022.0 580.4 130.4 678.0 133.0 115.0 049.0 626.0 436.0 5719.0	0.0 0.0 0.0 0.0 0.0 0.0 14128.0 7693.0 0.0	668678.4 335629.2 449395.2 764.0 0.0 0.0 1062.0 0.0 8252.0 12216.0 10721.0 0.0	9873.1 1987. 7575. 1052848. 823064. 1180539. 585112. 214540. 202109. 747193. 422811 847207 424712	6 2 6 0 0 0 0 0 0 0 18'	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 165.0 0.0 0.0	
146 147 148 149 150 151 152 153 154 155	3326.40 2517.12 3409.92 177473.00 298822.00 150597.00 67543.00 105814.00 62392.00 42339.00 13832.00 2460.00 240248.00	127730 96795 7174 2363 2825 2109 819 728 725 1006 812 874	022.0 580.4 130.4 678.0 133.0 115.0 049.0 626.0 626.0 5719.0 5598.0	0.0 0.0 0.0 0.0 0.0 0.0 14128.0 7693.0 0.0 0.0 0.0	668678.4 335629.2 449395.2 764.0 0.0 0.0 1062.0 0.0 8252.0 12216.0 10721.0 0.0	9873.1 1987. 7575. 1052848. 823064. 1180539. 585112. 214540. 202109. 747193. 422811 847207 424712. 354622	6 2 6 0 0 0 0 0 0 0 18'	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	
146 147 148 149 150 151 152 153 154 155 156	3326.40 2517.12 3409.92 177473.00 298822.00 150597.00 67543.00 105814.00 62392.00 42339.00 13832.00 2460.00 8 240248.00 9 152219.00	127730 96795 7174 2363 2825 2109 819 728 725 1006 812 874 2675	022.0 580.4 130.4 678.0 133.0 115.0 049.0 626.0 436.0 5719.0	0.0 0.0 0.0 0.0 0.0 0.0 14128.0 7693.0 0.0 0.0 0.0	668678.4 335629.2 449395.2 764.0 0.0 0.0 1062.0 0.0 8252.0 12216.0 10721.0 0.0 15549.0	9873.1 1987. 7575. 1052848. 823064. 1180539. 585112. 214540. 202109. 747193. 422811 847207 424712 354622	6 2 6 0 0 0 0 0 0 0 0 18'	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 165.0 0.0 0.0	
146 147 148 149 150 151 152 153 154 155 156 156	3326.40 2517.12 3409.92 177473.00 298822.00 150597.00 67543.00 105814.00 62392.00 42339.00 13832.00 240248.00 9 152219.00 108361.00	127730 96795 7174 23636 2825 2109 819 728 725 1006 812 874 2675 2304	022.0 580.4 130.4 678.0 133.0 115.0 049.0 626.0 6436.0 6719.0 5598.0 6111.0 64325.0 9382.0 94618.0	0.0 0.0 0.0 0.0 0.0 14128.0 7693.0 0.0 0.0 0.0 0.0	668678.4 335629.2 449395.2 764.0 0.0 0.0 1062.0 0.0 8252.0 12216.0 10721.0 0.0 15549.0 16516.0 0.0	9873.1 1987. 7575. 10528484. 823064. 1180539. 585112. 214540. 202109. 747193. 422811. 847207. 424712. 354622. 309274.	6 2 6 0 0 0 0 0 0 0 0 18 0 0 0 0 0 0 0 0 0 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	
146 147 148 149 150 151 152 153 154 155 156 156 156	3326.40 2517.12 3409.92 177473.00 298822.00 150597.00 67543.00 105814.00 62392.00 42339.00 13832.00 2460.00 240248.00 152219.00 108361.00 15688.00	127730 96795 7174 23636 2825 2109 819 728 725 1006 812 877 2675 2304 1525	022.0 580.4 130.4 678.0 133.0 115.0 049.0 626.0 6436.0 6719.0 5598.0 6111.0 6325.0 9382.0 4618.0 5115.0	0.0 0.0 0.0 0.0 0.0 14128.0 7693.0 0.0 0.0 0.0 0.0	668678.4 335629.2 449395.2 764.0 0.0 0.0 1062.0 0.0 8252.0 12216.0 10721.0 0.0 15549.0 16516.0 0.0	9873.1 1987. 7575. 1052848. 823064. 1180539. 585112. 214540. 202109. 747193. 422811 847207 424712 354622 309274 175957 319425	6 2 6 0 0 0 0 0 .0 .0 .0 .0 .0 .0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	
146 147 148 149 150 151 153 154 155 156 156 166 166	3326.40 2517.12 3409.92 177473.00 298822.00 150597.00 67543.00 105814.00 62392.00 42339.00 542339.00 2460.00 7240248.00 9152219.00 108361.00 15688.00 13388.00	127730 96795 7174 23636 2825 2109 819 728 725 1006 812 874 2675 2304 1525 30	022.0 580.4 130.4 678.0 133.0 115.0 049.0 626.0 6436.0 6719.0 9598.0 6111.0 6499.0 64325.0 9382.0 64618.0 55115.0 8530.0	0.0 0.0 0.0 0.0 0.0 14128.0 7693.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	668678.4 335629.2 449395.2 764.0 0.0 0.0 1062.0 0.0 8252.0 12216.0 10721.0 0.0 15549.0 16516.0 0.0	9873.1 1987. 7575. 1052848. 823064. 1180539. 585112. 214540. 202109. 747193. 422811 847207 424712 354622 309274 175957 319425 213490	6 2 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	
146 147 148 149 150 151 152 153 154 155 156 166 166 166	3326.40 2517.12 3409.92 177473.00 298822.00 150597.00 67543.00 105814.00 62392.00 42339.00 42339.00 2460.00 240248.00 152219.00 108361.00 9 152219.00 108361.00 2435322.00	127730 96795 7174 23636 2825 2109 819 728 725 1006 812 2675 2304 1524 300 77	022.0 580.4 130.4 678.0 133.0 115.0 049.0 626.0 436.0 6719.0 92598.0 6111.0 6499.0 64325.0 9382.0 4618.0 55115.0 8530.0 66228.0	0.0 0.0 0.0 0.0 0.0 14128.0 7693.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	668678.4 335629.2 449395.2 764.0 0.0 0.0 1062.0 0.0 8252.0 12216.0 10721.0 0.0 15549.0 16516.0 0.0	9873.1 1987. 7575. 1052848. 823064. 11805319. 20109. 747193. 422811 847207 424712 354622 309274 175957 319425 213490 17998	6 2 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	
146 147 148 149 150 151 152 153 156 157 166 166 166	3326.40 2517.12 3409.92 177473.00 298822.00 150597.00 67543.00 105814.00 62392.00 42339.00 542339.00 72460.00 8240248.00 9152219.00 108361.00 15688.00 13388.00 2435322.00 13469540.00	127730 96795 7174 23636 2825 2109 819 728 725 1006 812 874 2675 2304 1526 300 777 34	022.0 580.4 130.4 678.0 133.0 115.0 049.0 626.0 436.0 6719.0 9598.0 6111.0 6499.0 6435.0 9382.0 94618.0 55115.0 8530.0 6228.0 95014.0	0.0 0.0 0.0 0.0 0.0 0.0 14128.0 7693.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	668678.4 335629.2 449395.2 764.0 0.0 0.0 1062.0 0.0 8252.0 12216.0 10721.0 0.0 15549.0 16516.0 0.0 0.0 63890.0 133827.0 47952.0	9873.4 1987. 7575. 1052848. 823064. 1180539. 585112. 214540. 202109. 747193. 422811 847207 424712 354622 309274 175957 319425 213490 17998	66 22 66 00 00 00 00 00 00 00 00 00	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	
146 147 148 149 150 151 152 153 154 155 156 166 16	3326.40 2517.12 3409.92 177473.00 298822.00 150597.00 67543.00 105814.00 62392.00 42339.00 72460.00 8240248.00 9152219.00 108361.00	127730 96795 7174' 23636 2825 2109 819 728 725 1006 812 874 2675 2304 152' 304 152' 304 152' 304 523 405 523 620	022.0 580.4 130.4 678.0 133.0 115.0 049.0 626.0 1436.0 1111.0	0.0 0.0 0.0 0.0 0.0 0.0 14128.0 7693.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	668678.4 335629.2 449395.2 764.0 0.0 0.0 1062.0 0.0 8252.0 12216.0 10721.0 0.0 15549.0 16516.0 0.0 0.0 63890.0 133827.0 47952.0	9873.4 1987. 7575. 1052848. 823064. 1180539. 585112. 214540. 202109. 747193. 422811 847207 424712 354622 309274 175957 319425 213490 17990 37648 19200	6 2 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	
146 147 148 149 150 151 152 153 154 155 156 156 16 16 16	3326.40 2517.12 3409.92 177473.00 298822.00 150597.00 6 67543.00 1 05814.00 6 42392.00 42339.00 6 42339.00 7 2460.00 8 240248.00 9 152219.00 1 08361.00 1 5688.00 1 3388.00 2 2435322.00 6 2435322.00 6 2435322.00 6 2435322.00 6 2218.50	127730 96795 7174 23636 2825 2109 728 725 1006 812 874 2675 2300 1529 300 777 34 523 620 599	022.0 580.4 130.4 678.0 1133.0 115.0 049.0 626.0 6436.0 6719.0 55499.0 4325.0 9382.0 4618.0 55115.0 8530.0 6228.0 95014.0 95014.0 95014.0 95014.0 97347.5 96291.5	0.0 0.0 0.0 0.0 0.0 0.0 14128.0 7693.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 245629.0 120871.0 0.0 232836.0 0.0	668678.4 335629.2 449395.2 764.0 0.0 0.0 1062.0 0.0 8252.0 12216.0 10721.0 0.0 15549.0 16516.0 0.0 0.0 63890.0 47952.0 4834.5 7716.0	9873.1 1987. 7575. 1052848. 823064. 1180539. 585112. 214540. 202109. 747193. 422811 847207 424712 354622 309274 175957 319425 213490 17998 37648 19200 1679500	6 2 6 0 0 0 0 0 0 18 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	
146 147 148 149 150 151 152 153 154 155 156 16 16 16	3326.40 2517.12 3409.92 177473.00 298822.00 150597.00 6 67543.00 1 05814.00 6 62392.00 42339.00 5 42339.00 6 13832.00 2460.00 8 240248.00 9 152219.00 1 08361.00 1 5688.00 1 3388.00 1 2435322.00 6 2435322.00 6 1288584.00 1 2218.50 1 6 1288584.00	127730 96795 7174 23636 2825 2109 819 728 725 1006 812 874 2675 2304 1529 304 77 34 523 620 599 1 220	022.0 580.4 130.4 678.0 133.0 115.0 049.0 626.0 6436.0 6719.0 5598.0 6111.0 6328.0 6418.0 65115.0 8530.0 6228.0 6228.0 6228.0 63370.0 63370.0 63370.0	0.0 0.0 0.0 0.0 0.0 0.0 14128.0 7693.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	668678.4 335629.2 449395.2 764.0 0.0 0.0 1062.0 0.0 8252.0 12216.0 10721.0 0.0 15549.0 16516.0 0.0 63890.0 47952.0 4834.5 7716.0 7453.5	9873.1 1987. 7575. 1052848. 823064. 1180539. 585112. 214540. 202109. 747193. 422811. 847207. 424712. 354622. 309274. 175957. 319425. 213490. 1679506. 1679506. 174731.	66 22 66 00 00 00 00 00 00 00 00 00	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	
146 147 148 149 150 151 152 153 154 156 16 16 16 16	3326.40 2517.12 3409.92 177473.00 298822.00 150597.00 6 7543.00 1 05814.00 6 42339.00 6 13832.00 7 240248.00 9 152219.00 1 08361.00 1 5688.00 1 5688.00 1 2435322.00 1 243532.00 1 243532.00 1 243532.00 1 243532.00 1 243532.00 1 243532.00 1 243532.00 1 243532.00 1 245532.00 1 245532.00	127730 96795 7174 23636 2825 2109 728 725 1006 812 874 2675 2300 1529 300 777 34 523 620 599 9 211	022.0 580.4 130.4 678.0 133.0 115.0 049.0 626.0 6436.0 6719.0 9598.0 6111.0 6499.0 44325.0 9382.0 4618.0 55115.0 8530.0 6228.0 6228.0 65014.0 63370.0 63370.0 63370.0 63370.0	0.0 0.0 0.0 0.0 0.0 0.0 14128.0 7693.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	668678.4 335629.2 449395.2 764.0 0.0 0.0 1062.0 0.0 8252.0 12216.0 10721.0 0.0 15549.0 16516.0 0.0 63890.0 133827.0 47952.0 4834.5 7716.0 7453.5 22860.0	9873.1 1987. 7575. 1052848. 823064. 1180539. 585112. 202109. 747193. 422811 847207 424712 354622 309274 175957 319425 213490 1679506 174731 136349 77153 65835	66 22 66 00 00 00 00 00 00 00 00 00	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	
146 147 148 149 150 151 152 153 154 156 156 166 166 166 166 166 166 166 166	3326.40 2517.12 3409.92 177473.00 298822.00 150597.00 67543.00 1 05814.00 6 2392.00 42339.00 6 13832.00 7 2460.00 8 240248.00 1 52219.00 1 08361.00 1 5688.00 1 2435322.00 1 1 5688.00 2 1269540.00 1 1289584.00 1 1289584.00	127730 96795 7174 23636 2825 2109 819 728 725 1006 812 874 2675 2304 1529 304 777 34 523 620 599 211 65 220 65 220 67 220	022.0 580.4 130.4 678.0 133.0 115.0 049.0 626.0 6436.0 6719.0 9598.0 6111.0 6499.0 64325.0 95382.0 4618.0 55115.0 8530.0 6228.0 95014.0	0.0 0.0 0.0 0.0 0.0 0.0 14128.0 7693.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	668678.4 335629.2 449395.2 764.0 0.0 0.0 1062.0 0.0 8252.0 12216.0 10721.0 0.0 15549.0 16516.0 0.0 63890.0 133827.0 47952.0 4834.5 7716.0 7453.5 22860.0 7443.0	9873.1 1987. 7575. 1052848. 823064. 1180539. 585112. 202109. 747193. 422811 847207 424712 354622 309274 175957 319425 213490 17998 37648 19200 1679506 174731 136349 77153 65835 72524	66 22 66 00 00 00 00 00 00 00 00 00	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	
146 147 148 149 150 151 152 153 154 155 166 16 16 16 16 16	3326.40 2517.12 3409.92 177473.00 298822.00 150597.00 67543.00 105814.00 6 42392.00 42339.00 6 13832.00 7 240248.00 9 152219.00 108361.00 108361.00 113388.00 1128219.00	127730 96795 7174 23636 2825 2109 819 725 1006 812 87/ 2675 230/ 1526 30 77 34 523 620 599 211 525 620 599 211 620 630 640 650 650 650 650 650 650 650 650 650 65	022.0 580.4 130.4 678.0 133.0 115.0 049.0 626.0 436.0 6719.0 9598.0 6111.0 6499.0 4325.0 9382.0 4618.0 55115.0 8530.0 6228.0 95014.0 93370.0 97347.5 96291.5 96291.5 96291.5 96291.5 96291.5 96291.5 96291.5	0.0 0.0 0.0 0.0 0.0 14128.0 7693.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	668678.4 335629.2 449395.2 764.0 0.0 0.0 1062.0 0.0 8252.0 12216.0 10721.0 0.0 15549.0 16516.0 0.0 63890.0 133827.0 47952.0 4834.5 7716.0 7453.5 22860.0	9873.4 1987. 7575. 1052848. 823064. 1180539. 585112. 214540. 202109. 747193. 422811 847207 424712 354622 309274 175957 319425 213490 17978 37648 19200 1679506 174731. 136349 77153 65835 72524	6 2 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	
146 147 148 149 150 151 152 153 154 155 166 16 16 16 16 16	3326.40 2517.12 3409.92 177473.00 298822.00 150597.00 67543.00 1 05814.00 6 42392.00 6 42339.00 6 13832.00 7 240248.00 1 52219.00 1 105814.00 6 42339.00 1 3832.00 2 460.00 1 12819.00 1 12819.0	127730 96795 7174 23636 2825 2109 819 725 1006 812 87/ 2675 2304 1523 30 77 34 523 620 599 211 525 620 170 620 630 640 640 650 650 650 650 650 650 650 650 650 65	022.0 580.4 130.4 678.0 133.0 115.0 049.0 626.0 6436.0 6719.0 9598.0 6111.0 6499.0 64325.0 95382.0 4618.0 55115.0 8530.0 6228.0 95014.0	0.0 0.0 0.0 0.0 0.0 0.0 14128.0 7693.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	668678.4 335629.2 449395.2 764.0 0.0 0.0 1062.0 0.0 8252.0 12216.0 10721.0 0.0 15549.0 16516.0 0.0 63890.0 133827.0 47952.0 4834.5 7716.0 7453.5 22860.0 7443.0 22047.0	9873.1 1987. 7575. 1052848. 823064. 1180539. 585112. 214540. 202109. 747193. 422811 847207 424712 354622 309274 175957 319425 213490 1679506 174731. 136349 77153 65835 72524	6 2 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	

OBS	STATION	YEAR MOVIES		SERIES	SPORTS DEVO		LOCAL	OTHER	TOTAL
175	WBZ	90	220.0	3505.0	0:0	24.0	2322.0	0.0	6072.0
176	WCAU	88	305.0	2250.0	10.0	0.0	1801.0	70.0	4436.0
177	WCAU	89	309.0	2550.0	8.0	0.0	1560.0	0.0	4427.0
178	WCAU	90	258.0	2496.0	0.0	0.0	1503.0	0.0	4258.0
179	WCBS	88 299.0		2173.0	0.0	0.0	1836.0	0.0	4308.0
180	WCBS	89 230.0		2442.0	0.0	48.0	1667.0	0.0	4387.0
181	WCBS	90	158.0	2495.0	0.0	0.0	1708.0	0.0	4362.0
182	MCCB	89	1692.0	9357.0	202.5	1872.0	141.0	0.0	13264.5
183	WCFC	89	0.0	3678.0	0.0	5110.0	4460.0	0.0	13248.0
184 185	WCVB	88 89	454.0 415.0	3399.0 3641.0	134.0 84.0	138.0 138.0	2879.0 2940.0	0.0	7004.0
186	WDCA	88	3618.0	7001.0	435.0	2282.0	80.0	0.0 2.0	7218.0 13418.0
187	WDCA	89	1990.0	8950.0	459.0	1972.0	50.0	0.0	13421.0
188	WDCA	90	2094.0	8950.0	486.0	1760.0	88.0	30.0	13408.0
189	WDIV	90	166.0	3132.0	182.0	16.0	2267.0	0.0	5763.0
190	WDTN	88	358.5	4069.5	249.0	147.0	1590.0	0.0	6414.0
191	WTOW	89	321.0	4261.5	205.5	180.0	1629.0	0.0	6597.0
192	WDTN	90	171.0	4227.0	120.0	144.0	1714.5	0.0	6376.5
193	WENH	89	0.0	0.0	0.0	0.0	0.0	12405.0	12405.0
194	WFAA	88	492.0	3229.2	111.6	180.0	2090.4	0.0	6103.2
195	WFAA	89	288.0	3471.6	165.6	256.8	2208.0	1.2	6391.2
196 197	WFAA WFLD	90 88	58.8	3579.6 10167.0	0.0	278.4	2085.6	139.2	6142.8
198	WFLD	89	1918.0 2343.0	9743.0	372.0 383.0	200.0	756.0	10.0	13423.0
199	WFLD	90	1857.0	10295.0	0.0	152.0 132.0	776.0 911.0	2.0 0.0	13399.0 13195.0
200	WFMJ	88	0.0	2601.0	0.0	96.0	1020.0	0.0	3717.0
201	WFMJ	89	0.0	2676.0	0.0	90.0	948.0	0.0	3714.0
202	WFMJ	90	24.0	2664.0	0.0	96.0	1083.0	0.0	3867.0
203	WFXT	88	3380.0	8828.0	10.0	110.0	250.0	3.0	12581.0
OBS	VMOVIES	٧	SERIES	VSPORTS	VD	EVO	VLOCAL	VOTHER	
175	46086.00		SERIES 80908.0	VSPORTS 0.0			VLOCAL 928857.0	VOTHER 0.0	
175 176	46086.00 82689.00	138 135	0908.0 2671.0	0.0	135	7.0 1 0.0	928857.0 790675.0		
175 176 177	46086.00 82689.00 216737.00	138 135 156	0908.0 2671.0 2372.0	0.0 0.0 4694.0	135	7.0 1 0.0 0.0	928857.0 790675.0 844675.0	0.0 1408.0 0.0	
175 176 177 178	46086.00 82689.00 216737.00 118421.00	138 135 156 187	0908.0 2671.0 2372.0 9904.0	0.0 0.0 4694.0 0.0	135	7.0 1 0.0 0.0 0.0	928857.0 790675.0 844675.0 692654.0	0.0 1408.0 0.0 0.0	
175 176 177 178 179	46086.00 82689.00 216737.00 118421.00 55489.00	138 135 156 187 49	0908.0 2671.0 2372.0 9904.0	0.0 0.0 4694.0 0.0 0.0	135	7.0 1 0.0 0.0 0.0 0.0	928857.0 790675.0 844675.0 692654.0 285872.0	0.0 1408.0 0.0 0.0	
175 176 177 178 179 180	46086.00 82689.00 216737.00 118421.00 55489.00 72188.00	138 135 156 187 49 47	0908.0 2671.0 2372.0 29904.0 20640.0	0.0 0.0 4694.0 0.0 0.0	135	7.0 1 0.0 0.0 0.0 0.0 0.0	928857.0 790675.0 844675.0 692654.0 285872.0 419568.0	0.0 1408.0 0.0 0.0 0.0	
175 176 177 178 179 180 181	46086.00 82689.00 216737.00 118421.00 55489.00 72188.00 4780.00	138 135 156 187 49 47	0908.0 2671.0 2372.0 9904.0 90640.0 7922.0	0.0 0.0 4694.0 0.0 0.0 0.0	135	7.0 1 0.0 0.0 0.0 0.0 0.0 0.0	928857.0 790675.0 844675.0 692654.0 285872.0 419568.0 370160.0	0.0 1408.0 0.0 0.0 0.0 0.0	
175 176 177 178 179 180 181 182	46086.00 82689.00 216737.00 118421.00 55489.00 72188.00 4780.00 2538.00	138 135 156 187 49 47 33	0908.0 2671.0 2372.0 9904.0 90640.0 77922.0 8411.0	0.0 0.0 4694.0 0.0 0.0 0.0 211927.5	135 24146	7.0 1 0.0 0.0 0.0 0.0 0.0 0.0 0.0	928857.0 790675.0 844675.0 692654.0 285872.0 419568.0 370160.0 11955.0	0.0 1408.0 0.0 0.0 0.0 0.0	
175 176 177 178 179 180 181 182 183	46086.00 82689.00 216737.00 118421.00 55489.00 72188.00 4780.00 2538.00 0.00	138 135 156 187 49 47 33 532	60908.0 2671.0 2372.0 79904.0 7992.0 8411.0 85235.5	0.0 0.0 4694.0 0.0 0.0 0.0 211927.5 0.0	135 24146 7128	7.0 1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 2.5	928857.0 790675.0 844675.0 692654.0 285872.0 419568.0 370160.0 11955.0 29018.0	0.0 1408.0 0.0 0.0 0.0 0.0 0.0	
175 176 177 178 179 180 181 182	46086.00 82689.00 216737.00 118421.00 55489.00 72188.00 4780.00 2538.00	138 135 156 187 49 47 33 532 2	0908.0 2671.0 2372.0 9904.0 00640.0 77922.0 8411.0 55235.5 8953.0	0.0 0.0 4694.0 0.0 0.0 0.0 211927.5 0.0 129066.0	135 24146 7128 1483	7.0 1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	928857.0 790675.0 844675.0 692654.0 285872.0 419568.0 370160.0 11955.0 29018.0	0.0 1408.0 0.0 0.0 0.0 0.0 0.0 0.0	
175 176 177 178 179 180 181 182 183 184 185 186	46086.00 82689.00 216737.00 118421.00 55489.00 72188.00 4780.00 2538.00 0.00 93123.00	138 135 156 187 49 47 33 532 2 185	60908.0 2671.0 2372.0 79904.0 7992.0 8411.0 85235.5	0.0 0.0 4694.0 0.0 0.0 0.0 211927.5 0.0	24146 7128 1483 1573	7.0 1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 2.5 8.0 4.0 1	928857.0 790675.0 844675.0 692654.0 285872.0 419568.0 370160.0 11955.0 29018.0	0.0 1408.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	
175 176 177 178 179 180 181 182 183 184 185 186	46086.00 82689.00 216737.00 118421.00 55489.00 72188.00 4780.00 2538.00 0.00 93123.00 46075.00 3298799.00 2930887.00	138 135 156 187 49 47 33 532 185 157	0908.0 2671.0 2372.0 9904.0 90640.0 77922.0 8411.0 55235.5 88953.0 2719.0	0.0 0.0 4694.0 0.0 0.0 0.0 211927.5 0.0 129066.0 4349.0	135 24146 7128 1483	7.0 1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 2.5 8.0 4.0 1 4.0 9.0	928857.0 790675.0 844675.0 692654.0 285872.0 419568.0 370160.0 11955.0 29018.0 001055.0 767216.0	0.0 1408.0 0.0 0.0 0.0 0.0 0.0 0.0	
175 176 177 178 179 180 181 182 183 184 185 186 . 187	46086.00 82689.00 216737.00 118421.00 55489.00 72188.00 4780.00 2538.00 0.00 93123.00 46075.00 3298799.00 2930887.00 2124689.00	138 135 156 187 49 47 33 532 2 185 157 1061 1567 940	60908.0 2671.0 2372.0 99904.0 90640.0 7922.0 8411.0 5235.5 88953.0 62719.0 9269.0 8202.0 79284.0 90741.0	0.0 0.0 4694.0 0.0 0.0 0.0 211927.5 0.0 129066.0 4349.0 698010.0	24146 7128 1483 1573 40869	7.0 1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	928857.0 790675.0 844675.0 692654.0 285872.0 419568.0 370160.0 17955.0 29018.0 001055.0 767216.0 73534.0	0.0 1408.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	
175 176 177 178 179 180 181 182 183 184 185 186	46086.00 82689.00 216737.00 118421.00 55489.00 72188.00 4780.00 2538.00 0.00 93123.00 46075.00 3298799.00 2930887.00	138 135 156 187 49 47 33 532 2 185 157 1061 1567 940	0908.0 2671.0 2372.0 9904.0 00640.0 77922.0 8411.0 55235.5 88953.0 22719.0 79269.0 8202.0	0.0 0.0 4694.0 0.0 0.0 0.0 211927.5 0.0 129066.0 4349.0 698010.0 972311.0	24146 7128 1483 1573 40869 52158 26504	7.0 1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 2.5 8.0 4.0 1 4.0 9.0	928857.0 790675.0 844675.0 692654.0 285872.0 419568.0 370160.0 11955.0 29018.0 001055.0 767216.0 73534.0 10755.0	0.0 1408.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 9668.0	
175 176 177 178 179 180 181 182 183 184 185 186 - 187 188 189	46086.00 82689.00 216737.00 118421.00 55489.00 72188.00 4780.00 2538.00 0.00 93123.00 46075.00 329879.00 2930887.00 2124689.00 81062.00 537.75	138 135 156 187 47 33 532 2 185 157 1061 1567 940	60908.0 2671.0 2372.0 79904.0 79640.0 7922.0 88411.0 15235.5 18953.0 12719.0 79269.0 89202.0 79284.0 10741.0 102295.0 19167.0	0.0 0.0 4694.0 0.0 0.0 0.0 211927.5 0.0 129066.0 4349.0 698010.0 972311.0 534641.0 100975.0 78136.5	24146 7128 1483 1573 40869 52158 26504	7.0 1 0.0 0.0 0.0 0.0 0.0 0.0 2.5 8.0 4.0 1 4.0 9.0 5.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	928857.0 790675.0 844675.0 692654.0 285872.0 419568.0 370160.0 11955.0 29018.0 001055.0 767216.0 73534.0 10755.0 26171.0 253200.0 94666.5	0.0 1408.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 9668.0	
175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190	46086.00 82689.00 216737.00 118421.00 55489.00 72188.00 4780.00 2538.00 0.00 93123.00 46075.00 3298799.00 2930887.00 2124689.00 81062.00 537.75 481.50	138 135 156 187 47 33 532 2 185 157 1061 1567 940 91	60908.0 2671.0 2372.0 79904.0 70640.0 77922.0 88411.0 15235.5 18953.0 12719.0 79269.0 18202.0 79284.0 100741.0 12295.0 19167.0 19269.5	0.0 0.0 4694.0 0.0 0.0 0.0 211927.5 0.0 129066.0 4349.0 698010.0 972311.0 972311.0 100975.0 78136.5 73002.0	24146 7128 1483 1573 40869 52158 26504 1579 1787	7.0 1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.0 1 4.0 9.0 0.5.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	928857.0 790675.0 844675.0 692654.0 285872.0 419568.0 370160.0 11955.0 29018.0 001055.0 767216.0 73534.0 10755.0 26171.0 253200.0 94666.5 77910.0	0.0 1408.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 9668.0 0.0	
175 176 177 178 179 180 181 182 183 184 185 186 - 187 188 189 190 191 192	46086.00 82689.00 216737.00 118421.00 55489.00 72188.00 4780.00 2538.00 0.00 93123.00 46075.00 3298799.00 2930887.00 2124689.00 81062.00 537.75 481.50 256.50	138 135 156 187 47 33 532 2 185 157 1061 1567 940 91	60908.0 2671.0 2372.0 79904.0 79904.0 79922.0 88411.0 85235.5 88953.0 92719.0 79284.0 79284.0 79284.0 79284.0 79284.0 79284.0 79284.0 79284.0 79284.0 79284.0	0.0 0.0 4694.0 0.0 0.0 0.0 211927.5 0.0 129066.0 4349.0 698010.0 972311.0 100975.0 78136.5 73002.0 55612.5	24146 7128 1483 1573 40869 52158 26504 1579 1787 2228	7.0 1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1 2.5 8.0 4.0 1 4.0 9.0 1 5.0 0.0 8.0 1 4.0 1	928857.0 790675.0 844675.0 692654.0 285872.0 419568.0 370160.0 11955.0 29018.0 001055.0 767216.0 73534.0 10755.0 26171.0 253200.0 94666.5 77910.0 67707.0	0.0 1408.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 9668.0 0.0	
175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193	46086.00 82689.00 216737.00 118421.00 55489.00 72188.00 4780.00 2538.00 0.00 93123.00 46075.00 3298799.00 2930887.00 2124689.00 81062.00 537.75 481.50 256.50 0.00	138 135 156 187 49 47 33 532 2 185 157 1061 1567 940 49 99 1140	60908.0 2671.0 2272.0 79904.0 79904.0 79922.0 8411.0 85235.5 88953.0 9269.0 8202.0 79284.0 90741.0 92295.0 19167.0 192969.5 18604.5 0.0	0.0 0.0 4694.0 0.0 0.0 0.0 211927.5 0.0 129066.0 4349.0 698010.0 972311.0 100975.0 78136.5 73002.0 55612.5 0.0	24146 7128 1483 1573 40869 52158 26504 1579 1787 2228	7.0 1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1 2.5 8.0 4.0 1 4.0 9.0 1 5.0 0.0 8.0 1 4.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	928857.0 790675.0 844675.0 692654.0 285872.0 419568.0 370160.0 11955.0 29018.0 001055.0 767216.0 73534.0 10755.0 26171.0 253200.0 94666.5 77910.0 67707.0	0.0 1408.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 9668.0 0.0 0.0 0.0	
175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194	46086.00 82689.00 216737.00 118421.00 55489.00 72188.00 4780.00 2538.00 0.00 93123.00 46075.00 3298799.00 2930887.00 2124689.00 81062.00 537.75 481.50 256.50 0.00 590.40	138 135 156 187 49 47 33 532 2 185 157 1061 1567 940 49	0908.0 2671.0 2272.0 9904.0 9904.0 97922.0 8411.0 85235.5 88953.0 92719.0 9269.0 8202.0 9284.0 90741.0 92295.0 919167.0 92969.5 88604.5 0.0 19996.4	0.0 0.0 4694.0 0.0 0.0 0.0 211927.5 0.0 129066.0 4349.0 698010.0 972311.0 534641.0 100975.0 78136.5 73002.0 55612.5 0.0 234680.4	24146 7128 1483 1573 40869 52158 26504 1579 1787 2228	7.0 1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1 2.5 8.0 4.0 1 4.0 9.0 0.5.0 0.0 0.0 1.1.2 3	928857.0 790675.0 844675.0 692654.0 285872.0 419568.0 370160.0 11955.0 29018.0 001055.0 767216.0 73534.0 10755.0 26171.0 253200.0 94666.5 77910.0 67707.0 0.0	0.0 1408.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 9668.0 0.0 0.0 790552.0	
175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195	46086.00 82689.00 216737.00 118421.00 55489.00 72188.00 4780.00 2538.00 0.00 93123.00 46075.00 3298799.00 2930887.00 2124689.00 81062.00 537.75 481.50 256.50 0.00 590.40	138 135 156 187 49 47 33 532 2 185 157 1061 1567 940 49 115	60908.0 12671.0 12372.0 19904.0 190640.0 17922.0 18411.0 15235.5 18953.0 12719.0 19269.0 19284.0 19741.0 19295.0 19167.0	0.0 0.0 4694.0 0.0 0.0 0.0 211927.5 0.0 129066.0 4349.0 698010.0 972311.0 534641.0 100975.0 78136.5 73002.0 55612.5 0.0 234680.4 326354.4	24146 7128 1483 1573 40869 52158 26504 1579 1787 2228 7395 6661	7.0 1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1 2.5 8.0 4.0 1 4.0 9.0 1 5.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	928857.0 790675.0 844675.0 692654.0 285872.0 419568.0 370160.0 11955.0 29018.0 001055.0 767216.0 73534.0 10755.0 26171.0 253200.0 94666.5 77910.0 67707.0 0.0 3208813.2	0.0 1408.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	
175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194	46086.00 82689.00 216737.00 118421.00 55489.00 72188.00 4780.00 2538.00 0.00 93123.00 46075.00 3298799.00 2930887.00 2124689.00 81062.00 537.75 481.50 256.50 0.00 590.40	138 135 156 187 47 33 532 2 185 157 1061 1567 940 49 115	0908.0 2671.0 2272.0 9904.0 9904.0 97922.0 8411.0 85235.5 88953.0 92719.0 9269.0 8202.0 9284.0 90741.0 92295.0 919167.0 92969.5 88604.5 0.0 19996.4	0.0 0.0 4694.0 0.0 0.0 0.0 211927.5 0.0 129066.0 4349.0 698010.0 972311.0 534641.0 100975.0 78136.5 73002.0 55612.5 0.0 234680.4	24146 7128 1483 1573 40869 52158 26504 1579 1787 2228	7.0 1 0.0 0.0 0.0 0.0 0.0 0.0 2.5 8.0 4.0 1 9.0 0.0 0.0 0.0 0.0 1.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3	928857.0 790675.0 844675.0 692654.0 285872.0 419568.0 370160.0 11955.0 29018.0 001055.0 767216.0 73534.0 10755.0 26171.0 253200.0 94666.5 77910.0 67707.0 0.0 3208813.2 3520518.0 2744632.8	0.0 1408.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 9668.0 0.0 0.0 790552.0 0.0 2648.4	
175 176 177 178 179 180 181 182 183 184 185 186 187 190 191 192 193 194 195 196	46086.00 82689.00 216737.00 118421.00 55489.00 72188.00 4780.00 2538.00 0.00 93123.00 46075.00 3298799.00 2930887.00 2124689.00 81062.00 537.75 481.50 256.50 0.00 590.40 345.60 70.56	138 135 156 187 47 33 532 2 185 157 1061 1564 49 140 115	60908.0 12671.0 12372.0 19904.0 190640.0 17922.0 18411.0 15235.5 18953.0 12719.0 19269.0 19284.0 197286.0 197286.	0.0 0.0 4694.0 0.0 0.0 0.0 211927.5 0.0 129066.0 4349.0 698010.0 972311.0 534641.0 100975.0 78136.5 73002.0 55612.5 0.0 234680.4 326354.4	24146 7128 1483 1573 40869 52158 26504 1579 1787 2228 7395 6661 12953	7.0 1 0.0 0.0 0.0 0.0 0.0 0.0 2.5 8.0 4.0 1 4.0 9.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	928857.0 790675.0 844675.0 692654.0 285872.0 419568.0 370160.0 11955.0 29018.0 001055.0 767216.0 73534.0 10755.0 26171.0 253200.0 94666.5 77910.0 67707.0 0.0 3208813.2	0.0 1408.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	
175 176 177 178 179 180 181 182 183 184 185 186 - 187 189 190 191 192 193 194 195 196 197 198 199	46086.00 82689.00 216737.00 118421.00 55489.00 72188.00 4780.00 2538.00 0.00 93123.00 46075.00 329879.00 2930887.00 2124689.00 81062.00 537.75 481.50 256.50 0.00 590.40 345.60 70.56 2874107.00 3124847.00 1982240.00	138 135 156 187 497 33 532 2 185 157 1061 1567 91 140 115 491 522 361 1497	60908.0 2671.0 2372.0 79904.0 79640.0 7922.0 88411.0 5235.5 88953.0 12719.0 79269.0 19269.0 19269.0 19269.0 19269.0 19269.0 19269.5 18604.5 1996.4 16550.8 14360.4 77489.0	0.0 0.0 4694.0 0.0 0.0 0.0 211927.5 0.0 129066.0 4349.0 698010.0 972311.0 534641.0 100975.0 78136.5 73002.0 55612.5 0.0 234680.4 326354.4 0.0 636130.0	24146 7128 1483 1573 40869 52158 26504 1579 1787 2228 7395 6661 12953 1565 1019	7.0 1 0.0 0.0 0.0 0.0 0.0 0.0 2.5 8.0 4.0 1 4.0 9.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	928857.0 790675.0 844675.0 692654.0 285872.0 419568.0 370160.0 11955.0 29018.0 001055.0 767216.0 73534.0 10755.0 26171.0 253200.0 94666.5 77910.0 67707.0 0.0 3208813.2 3520518.0 2744632.8 367640.0	0.0 1408.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 9668.0 0.0 0.0 790552.0 0.0 2648.4	
175 176 177 178 179 180 181 182 183 184 185 186 187 190 191 192 193 194 195 196 197 198 199 200	46086.00 82689.00 216737.00 118421.00 55489.00 72188.00 4780.00 2538.00 0.00 93123.00 46075.00 3298799.00 2930887.00 2124689.00 81062.00 537.75 481.50 256.50 0.00 590.40 345.60 70.56 2874107.00 3124847.00 1982240.00 0.00	138 135 156 187 47 33 532 2 185 157 1061 1567 940 140 115 361 1497 1402 969 42	60908.0 2671.0 2372.0 79904.0 90640.0 77922.0 88411.0 85235.5 88953.0 9269.0 8202.0 79284.0 90741.0 92295.0 9167.0 92969.5 88604.5 0.0 19996.4 826550.8 84360.4 77489.0 92777.0 88121.0 925719.5	0.0 0.0 4694.0 0.0 0.0 0.0 211927.5 0.0 129066.0 4349.0 698010.0 972311.0 534641.0 100975.0 78136.5 73002.0 55612.5 0.0 234680.4 326354.4 0.0 636130.0 559679.0	24146 7128 1483 1573 40869 52158 26504 1579 1787 2228 7395 6661 12953 1565 1019 289	7.0 1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	928857.0 790675.0 844675.0 692654.0 285872.0 419568.0 370160.0 11955.0 29018.0 001055.0 767216.0 73534.0 10755.0 26171.0 253200.0 94666.5 77910.0 67707.0 0.0 208813.2 5520518.0 2744632.8 367640.0 321408.0	0.0 1408.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	
175 176 177 178 179 180 181 182 183 184 185 186 187 190 191 192 193 194 195 196 197 198 199 200 201	46086.00 82689.00 216737.00 118421.00 55489.00 72188.00 4780.00 2538.00 0.00 93123.00 46075.00 3298799.00 2930887.00 2124689.00 81062.00 537.75 481.50 256.50 0.00 590.40 345.60 70.56 2874107.00 3124847.00 1982240.00 0.00	138 135 156 187 497 47 33 532 2 185 157 1061 1567 940 1140 115 491 522 361 11497 1402 969 42	60908.0 2671.0 2372.0 79904.0 79904.0 79904.0 79904.0 7922.0 88411.0 85235.5 88953.0 9269.0 8202.0 79284.0 79284.0 79284.0 79284.0 79285.0 19167.0 19269.5 18604.5 1996.4 18655.8 18436.4 1977489.0 192797.0 198121.0 198121.0 198121.0 198121.0 198121.0	0.0 0.0 4694.0 0.0 0.0 0.0 211927.5 0.0 129066.0 4349.0 698010.0 972311.0 100975.0 78136.5 73002.0 55612.5 0.0 234680.4 326354.4 0.0 636130.0 559679.0 0.0	24146 7128 1483 1573 40869 52158 26504 1579 1787 2228 7395 6661 12953 1565 1019 289	7.0 1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	928857.0 790675.0 844675.0 692654.0 285872.0 419568.0 370160.0 11955.0 29018.0 001055.0 767216.0 73534.0 10755.0 26171.0 253200.0 94666.5 77910.0 67707.0 0.0 3208813.2 32520518.0 2744632.8 367640.0 321408.0 167186.0 89958.0 67468.5	0.0 1408.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	
175 176 177 178 179 180 181 182 183 184 185 186 187 190 191 192 193 194 195 196 197 198 199 200	46086.00 82689.00 216737.00 118421.00 55489.00 72188.00 4780.00 2538.00 0.00 93123.00 46075.00 3298799.00 2930887.00 2124689.00 81062.00 537.75 481.50 256.50 0.00 590.40 345.60 70.56 2874107.00 3124847.00 1982240.00 0.00	138 135 156 187 49 47 33 532 2 185 157 1061 1567 940 49 1140 115 491 522 361 1497 1402 969 41	60908.0 2671.0 2372.0 79904.0 90640.0 77922.0 88411.0 85235.5 88953.0 9269.0 8202.0 79284.0 90741.0 92295.0 9167.0 92969.5 88604.5 0.0 19996.4 826550.8 84360.4 77489.0 92777.0 88121.0 925719.5	0.0 0.0 4694.0 0.0 0.0 0.0 211927.5 0.0 129066.0 4349.0 698010.0 972311.0 972311.0 100975.0 78136.5 73002.0 55612.5 0.0 234680.4 326354.4 326354.4 0.0 636130.0 559679.0	24146 7128 1483 1573 40869 52158 26504 1579 1787 2228 7395 6661 12953 1565 1019 289	7.0 1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	928857.0 790675.0 844675.0 692654.0 2285872.0 419568.0 370160.0 11955.0 29018.0 001055.0 767216.0 73534.0 10755.0 26171.0 253200.0 94666.5 77910.0 67707.0 0.0 8208813.2 82520518.0 8744632.8 367640.0 321408.0 167186.0 89958.0	0.0 1408.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	

OBS	STATION	YEAR	MOVIES	SERIES	SPORTS	DEVO	D LOCAL	OTHER	TOTAL
204	WFXT	89	2924.0	9256.0	13.0	96.0	288.0	2.0	12579.0
205	WFXT	90	1272.0	10566.0	64.0	556.0		0.0	12782.0
206	WGBH	89	0.0	0.0	0.0	0.0	0.0	11936.0	11936.0
207	WGBS	88	3228.0	9099.0	368.0	532.0		1.0	13431.0
208	WGBS	89	2577.0	9777.0	372.0	480.0		5.0	13439.0
209	WGBS	90	1824.0	10668.0	276.0	528.0		64.0	13400.0
210	WGN	88	3412.0	7884.0	741.0	184.0		9.0	13438.0
211	WGN	89	3237.0	7934.0	731.0 196.0 941.0 504.0			0.0	13440.0
212	WGN	90	3212.0	7280.0				120.0	13434.0
213	WGNO	89 88	2818.8	9376.8	19.2	912.0		20.4	13411.2
214 215	WGNX WGNX	89	4185.0 3291.0	8550.0 8380.0	254.0 197.0	336.0 1080.0		3.0 2.0	13440.0 13367.0
216	WGNX	90	2456.0	9142.0	20.0	894.0		88.0	13304.0
217	WGRZ	88	339.0	2998.5	0.0	466.5		0.0	5266.5
218	WGRZ	89	256.5	2976.0	0.0	441.0		0.0	4905.0
219	WHA	89	0.0	0.0	0.0	0.0		8094.0	8094.0
220	WHIO	88	447.0	2599.5	69.0	72.0		0.0	5079.0
221	WHIO	89	304.5	2487.0	61.5	0.0		0.0	4905.0
222	WHIO	90	189.0	2449.5	0.0	1.2.0		97.5	5260.5
223	WHMM	89	0.0	0.0	0.0	0.0		10416.0	10416.0
224	WIBW	88	166.5	2469.0	165.0	294.0		1.5	4440.0
225	WIBW	89	117.0	2436.0	148.5	288.0		0.0	4359.0
226	WIBW	90	34.5	3637.5	147.0	264.0		120.0	5604.0
227 228	WIS WJAC	89 88	61.5	2503.5 3091.5	112.5	207.0		. 0.0	4432.5
229	WJAC	89	94.5 24.0		0.0	357.0 336.0		0.0	4747.5
230	WJAR	88	255.0	2803.5 3168.0	36.0 0.0	48.0		0.0 12.0	4389.0
231	WJAR	89	210.0	3148.5	0.0	48.0		0.0	5145.0 4941.0
232	WJAR	90	243.0	2976.0	0.0	24.0		0.0	4941.0
OBS	VMOVIES		ERIES	VSPORTS		EVO	VLOCAL	VOTHER	4774.0
204	4083701.00		854.0	0.0	1802		88908.0	2963	
205	1591599.00	10057	828.0	385610.0	7502		187991.0	0	
206 207	0.00 2086635.00	1670	0.0 451.0	0.0 283308.0	1910	0.0	0.0 32058.0	8264818 0	
208	1151026.00		530.0	286480.0		4.0	39392.0	· 7746	
209	1062489.00		861.0	307617.0	4259		0.0	57028	
210	195150497.00	343464		74543875.0	85806		26324643.0	442581	
211	202475920.00	391984		87771157.0	103302		1967193.0	0	
212	94673881.00	230708		106567656.0	64425		8057551.0	4876810	
213	3382.56	2472	076.8	6921.6	4487		126854.4	2322	
214	3424776.00	4080	018.0	196534.0	1140	0.8	12190.0	0	
215	2798219.00		884.0	93142.0	6586		205465.0	0	
216	3146433.00		333.0	14260.0	7377		488073.0	119230	
217	508.50		246.0	0.0		20.0	75864.0	0	
218	384.75	201	025.5	0.0	1431		80302.5	0	
219	0.00	1176	0.0 727.5	0.0		0.0	0.0	1363450	
220 221						11 11	216610.5	0	
661	670.50 456.75			6615.0				•	
	456.75	1128	397.5	19656.0		0.0	134626.5	0 30750	
222	456.75 283.50	1128	397.5 638.0	19656.0 0.0		0.0	134626.5 110742.0	39750	
222 223	456.75 283.50 0.00	1128 844	397.5 638.0 0.0	19656.0 0.0 0.0	1244	0.0 0.0 0.0	134626.5 110742.0 0.0	39750 175417	
222 223 224	456.75 283.50 0.00 249.75	1128 844 618	397.5 638.0 0.0 3492.0	19656.0 0.0 0.0 67708.5	124 <i>6</i> 115	0.0 0.0 0.0 55.0	134626.5 110742.0 0.0 147652.5	39750 175417 0	
222 223	456.75 283.50 0.00	1128 844 618 692	397.5 638.0 0.0	19656.0 0.0 0.0	115	0.0 0.0 0.0	134626.5 110742.0 0.0	39750 175417 0 0	
222 223 224 225	456.75 283.50 0.00 249.75 175.50 51.75 92.25	1128 844 618 692 496	397.5 638.0 0.0 3492.0	19656.0 0.0 0.0 67708.5 114259.5	115	0.0 0.0 0.0 55.0 52.0	134626.5 110742.0 0.0 147652.5 195150.0	39750 175417 0	
222 223 224 225 226 227 228	456.75 283.50 0.00 249.75 175.50 51.75 92.25 141.75	1128 844 618 692 496 1380	397.5 .638.0 0.0 .492.0 .512.5 .962.0	19656.0 0.0 0.0 67708.5 114259.5 65020.5 54676.5 0.0	115 636 1635	0.0 0.0 0.0 55.0 52.0 69.0 66.0	134626.5 110742.0 0.0 147652.5 195150.0 119616.0	39750 175417 0 0 77274	
222 223 224 225 226 227 228 229	456.75 283.50 0.00 249.75 175.50 51.75 92.25 141.75 36.00	1128 844 618 692 496 1380 385 440	397.5 638.0 0.0 6492.0 5512.5 962.0 726.0 629.0	19656.0 0.0 0.0 67708.5 114259.5 65020.5 54676.5 0.0 4194.0	115 636 1635	0.0 0.0 0.0 55.0 52.0 69.0 66.0 0.0	134626.5 110742.0 0.0 147652.5 195150.0 119616.0 808372.5 102885.0 56722.5	39750 175417 0 0 77274	
222 223 224 225 226 227 228 229 230	456.75 283.50 0.00 249.75 175.50 511.75 92.25 141.75 36.00 382.50	1128 844 618 692 496 1380 385 440 2057	397.5 638.0 0.0 8492.0 9512.5 962.0 9726.0 9629.0 9262.0 9890.5	19656.0 0.0 0.0 67708.5 114259.5 65020.5 54676.5 0.0 4194.0	115 636 1635	0.0 0.0 0.0 55.0 52.0 69.0 66.0 0.0	134626.5 110742.0 0.0 147652.5 195150.0 119616.0 808372.5 102885.0 56722.5 177280.5	39750 175417 0 0 77274 0 0 0	
222 223 224 225 226 227 228 229	456.75 283.50 0.00 249.75 175.50 51.75 92.25 141.75 36.00	1128 844 618 692 496 1380 385 440 2057 2174	397.5 638.0 0.0 6492.0 5512.5 962.0 726.0 629.0	19656.0 0.0 0.0 67708.5 114259.5 65020.5 54676.5 0.0 4194.0	115 636 1635	0.0 0.0 0.0 55.0 52.0 69.0 66.0 0.0	134626.5 110742.0 0.0 147652.5 195150.0 119616.0 808372.5 102885.0 56722.5	39750 175417 0 0 77274 0 0	

OBS	STATION	YEAR	MOVIES	SERIES	SPORTS	DEVO	LOCAL	OTHER	TOTAL
233	WJBK	88	260.0	4335.0	0.0	192.0	1362.0	8	6157.0
234	WJBK	89	118.0		0.0	192.0	1553.0	0	6143.0
235	WJBK	90	94.0		0.0	192.0	1582.0	76	6258.0
236	WJZ	88	399.0		168.0	106.0	1848.0	0	7025.0
237	MIZ	89	289.0		97.0	92.0	1876.0	Ŏ	7010.0
238	WJZ	90	192.0		0.0	46.0	1862.0	28	6696.0
239	WKBD	88	2484.0		441.0	828.0	865.0	11	13440.0
240	WKBD	89	1947.0		342.0	676.0	1027.0	6	13436.0
241	WKBD	90	1372.0		380.0	552.0	1086.0	Ō	13148.0
242	WKBN	88	342.0		81.0	180.0	1068.0	ŏ	5088.0
243	WKBN	89	246.0		63.0	186.0	1065.0	ŏ	4500.0
244	WKBN	90	9.0		75.0	111.0	1072.5	48	4750.5
245	WKEF	88	18.0		0.0	334.5	970.5	Ö	3811.5
246	WKEF	89	42.0		0.0	255.0	1029.0	Ŏ	3979.5
247	WKEF	90	12.0		3.0	132.0	903.0	ŏ	4248.0
248	WLNE	88	2250.0		202.5	111.0	1329.0	3	5746.5
249	WLNE	89	2010.0		144.0	105.0	1722.0	ő	5712.0
250	WLPB	89	0.0		0.0	0.0	0.0	7013	7013.0
251	WLTV	90	1917.0		0.0	361.0	1294.0	0	13061.0
252	WLVI	88	2174.0		298.0	0.0	946.0	4	12933.0
253	WLVI	89	2460.0	9672.0	276.0	0.0	847.0	1	13256.0
254	WLVI	90	2873.0	9022.0	138.0	0.0	1134.0	0	13168.0
255	WMAR	88	246.0	3367.0	144.0	128.0	1604.0	4	5493.0
256	WMAR	89	177.0	3063.0	225.0	96.0	1776.0	0	5337.0
257	WMAR	90	178.0	3102.0	144.0	48.0	1894.0	124	5490.0
258	WMAV	89	0.0	0.0	0.0	0.0	0.0	6702	6702.0
259	WMTW	88	159.0	3505.5	96.0	270.0	1023.0	0	5053.5
260	WMTW	89	216.0	4078.5	39.0	264.0	1090.5	0	5688.0
261	WMTW	90	207.0	3993.0	0.0	159.0	1138.5	0	5497.5
OBS	VMOVIES	VSER	IES	VSPORTS	VDEVO	Vι	OCAL	VOTHER	
0BS 233	VMOVIES 20269.00	VSER 5898		VSPORTS	VDEVO		OCAL	VOTHER 0	·
233 234	20269.00 712.00		33.0			154			
233 234 235	20269.00 712.00 1082.00	5898	33.0 94.0	0.0 0.0 0.0	0.0	154 338	63.0	0	·
233 234 235 236	20269.00 712.00 1082.00 358926.00	5898 12289 12743 324779	33.0 94.0 82.0	0.0 0.0 0.0 112391.0	0.0	154 338 361	63.0 328.0	0 0 288 0	
233 234 235 236 237	20269.00 712.00 1082.00 358926.00 134095.00	5898 12289 12743 324779 391085	33.0 94.0 52.0 90.0 57.0	0.0 0.0 0.0	0.0 0.0 0.0	154 338 361 11370	63.0 328.0 195.0	0 0 288	
233 234 235 236 237 238	20269.00 712.00 1082.00 358926.00 134095.00 140600.00	5898 12289 12743 324779 391085 322452	33.0 94.0 32.0 90.0 37.0	0.0 0.0 0.0 112391.0 88124.0 0.0	0.0 0.0 0.0 0.0 3968.0	154 338 361 11370 9979 11023	463.0 328.0 195.0 337.0 933.0 309.0	0 0 288 0 0 96589	
233 234 235 236 237 238 239	20269.00 712.00 1082.00 358926.00 134095.00 140600.00 6269498.00	5898 12289 12743 324779 391085 322452 1948160	33.0 24.0 32.0 20.0 37.0 24.0	0.0 0.0 0.0 112391.0 88124.0 0.0 2841712.0	0.0 0.0 0.0 0.0 3968.0 0.0 173148.0	154 338 361 11370 9979 11023 6523	463.0 328.0 195.0 337.0 933.0 309.0	0 0 288 0 0 96589 39852	
233 234 235 236 237 238 239 240	20269.00 712.00 1082.00 358926.00 134095.00 140600.00 6269498.00 4583504.00	5898 12289 12743 324779 391085 322452 1948160 2097764	33.0 94.0 52.0 90.0 67.0 94.0 93.0	0.0 0.0 0.0 112391.0 88124.0 0.0 2841712.0 2298660.0	0.0 0.0 0.0 3968.0 0.0 173148.0	154 338 361 11370 9979 11023 6523	463.0 328.0 195.0 337.0 233.0 309.0 358.0 304.0	0 0 288 0 0 96589 39852 7722	
233 234 235 236 237 238 239 240 241	20269.00 712.00 1082.00 358926.00 134095.00 140600.00 6269498.00 4583504.00 3964215.00	5898 12289 12743 324779 391085 322452 1948160 2097764 1894112	33.0 94.0 92.0 90.0 97.0 94.0 93.0 96.0	0.0 0.0 0.0 112391.0 88124.0 0.0 2841712.0 2298660.0 2150745.0	0.0 0.0 0.0 3968.0 0.0 173148.0 151159.0 68310.0	154 338 361 11370 9979 11023 6523 9973 8317	463.0 328.0 195.0 037.0 933.0 309.0 358.0 304.0 710.0	0 0 288 0 0 96589 39852 7722 0	
233 234 235 236 237 238 239 240 241 242	20269.00 712.00 1082.00 358926.00 134095.00 140600.00 6269498.00 4583504.00 3964215.00 513.00	5898 12289 12743 324779 391085 322452 1948160 2097764 1894112 71256	33.0 94.0 92.0 90.0 97.0 94.0 93.0 96.0 98.0	0.0 0.0 0.0 112391.0 88124.0 0.0 2841712.0 2298660.0 2150745.0 44071.5	0.0 0.0 0.0 0.0 3968.0 0.0 173148.0 151159.0 68310.0 1653.0	154 338 361 11370 9979 11023 6523 9973 8317 466	663.0 328.0 195.0 337.0 233.0 309.0 358.0 304.0 710.0 606.5	0 0 288 0 0 96589 39852 7722 0	
233 234 235 236 237 238 239 240 241 242 243	20269.00 712.00 1082.00 358926.00 134095.00 140600.00 6269498.00 4583504.00 3964215.00 513.00 369.00	5898 12289 12743 324779 391085 322452 1948160 2097764 1894112 71256 53626	33.0 94.0 92.0 90.0 97.0 94.0 94.0 96.0 88.0 94.5	0.0 0.0 0.0 112391.0 88124.0 0.0 2841712.0 2298660.0 2150745.0 44071.5 25713.0	0.0 0.0 0.0 3968.0 0.0 173148.0 151159.0 68310.0 1653.0 3426.0	154 338 361 11370 9973 11023 6523 9973 8317 466 574	363.0 328.0 195.0 337.0 233.0 309.0 358.0 304.0 710.0 606.5 436.5	0 0 288 0 0 96589 39852 7722 0 0	
233 234 235 236 237 238 239 240 241 242 243 244	20269.00 712.00 1082.00 358926.00 134095.00 140600.00 6269498.00 4583504.00 3964215.00 513.00 369.00 13.50	5898 12289 12743 324779 391085 322452 1948160 2097764 1894112 71256 53626 35869	33.0 94.0 92.0 90.0 97.0 94.0 94.0 96.0 98.0 94.5	0.0 0.0 0.0 112391.0 88124.0 0.0 2841712.0 2298660.0 2150745.0 44071.5 25713.0 49305.0	0.0 0.0 0.0 3968.0 0.0 173148.0 151159.0 68310.0 1653.0 3426.0 3255.0	154 338 361 11370 9979 11023 6523 9973 8311 466 574	363.0 328.0 195.0 337.0 233.0 309.0 358.0 304.0 710.0 606.5 436.5	0 0 288 0 0 96589 39852 7722 0 0 0	
233 234 235 236 237 238 239 240 241 242 243 244 245	20269.00 712.00 1082.00 358926.00 134095.00 140600.00 6269498.00 4583504.00 3964215.00 513.00 369.00 13.50 27.00	5898 12289 12743 324779 391085 322452 1948160 2097764 1894112 71256 53626 35869 135921	33.0 94.0 92.0 90.0 97.0 94.0 94.0 96.0 98.0 99.5 90.5	0.0 0.0 0.0 112391.0 88124.0 0.0 2841712.0 2298660.0 2150745.0 44071.5 25713.0 49305.0 0.0	0.0 0.0 0.0 3968.0 0.0 173148.0 151159.0 68310.0 1653.0 3426.0 3255.0 25830.0	154 338 361 11370 9979 11023 6523 9973 8311 466 574 893	363.0 328.0 195.0 337.0 339.0 358.0 304.0 710.0 366.5 436.5 319.0 231.5	0 0 288 0 0 96589 39852 7722 0 0 0	
233 234 235 236 237 238 239 240 241 242 243 244 245 246	20269.00 712.00 1082.00 358926.00 134095.00 140600.00 6269498.00 4583504.00 3964215.00 513.00 369.00 13.50 27.00 63.00	5898 12289 12743 324779 391085 322452 1948160 2097764 1894112 71256 35869 135921 114666	33.0 94.0 92.0 90.0 97.0 94.0 93.0 94.5 99.5 90.5 90.5	0.0 0.0 0.0 112391.0 88124.0 0.0 2841712.0 2298660.0 2150745.0 44071.5 25713.0 49305.0 0.0	0.0 0.0 0.0 3968.0 0.0 173148.0 151159.0 68310.0 1653.0 3426.0 3255.0 25830.0 9379.5	154 338 361 11370 9979 11023 6523 9973 8313 466 574 893 1422 1204	463.0 328.0 195.0 337.0 339.0 358.0 304.0 710.0 506.5 436.5 319.0 231.5 483.0	0 0 288 0 0 96589 39852 7722 0 0 0 6447 0	
233 234 235 236 237 238 239 240 241 242 243 244 245 246 247	20269.00 712.00 1082.00 358926.00 134095.00 140600.00 6269498.00 4583504.00 3964215.00 513.00 369.00 13.50 27.00 63.00	5898 12289 12743 324779 391085 322452 1948160 2097764 1894112 71256 53626 35869 135921 114666	33.0 44.0 52.0 57.0 54.0 53.0 66.0 68.0 64.5 69.5 70.5 70.5 70.5 70.5 70.5	0.0 0.0 0.0 112391.0 88124.0 0.0 2841712.0 2298660.0 2150745.0 44071.5 25713.0 49305.0 0.0 3592.5	0.0 0.0 0.0 3968.0 0.0 173148.0 151159.0 68310.0 1653.0 3426.0 3255.0 25830.0 9379.5 5688.0	154 338 361 11370 9979 11023 6523 9973 8311 466 574 893 1422 1204	663.0 328.0 195.0 337.0 333.0 309.0 358.0 304.0 710.0 606.5 436.5 319.0 231.5 483.0 570.5	0 0 288 0 0 96589 39852 7722 0 0 0 6447 0	
233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248	20269.00 712.00 1082.00 358926.00 134095.00 140600.00 6269498.00 4583504.00 3964215.00 513.00 369.00 13.50 27.00 63.00 18.00 3375.00	5898 12289 12743 324779 391085 322452 1948160 2097764 1894112 71256 53626 35869 135921 114666 97849 68071	33.0 14.0 12.0 10.0 17.0 14.0 13.0 14.0 13.0 14.5 19.5 10.0	0.0 0.0 0.0 112391.0 88124.0 0.0 2841712.0 2298660.0 2150745.0 44071.5 25713.0 49305.0 0.0 3592.5 94755.0	0.0 0.0 0.0 3968.0 0.0 173148.0 151159.0 68310.0 1653.0 3426.0 3255.0 25830.0 9379.5 5688.0	154 338 361 11370 9979 11023 6523 9973 8317 466 574 893 1422 1204	663.0 328.0 195.0 237.0 233.0 309.0 358.0 304.0 710.0 506.5 436.5 431.5 483.0 570.5 167.0	0 0 288 0 0 96589 39852 7722 0 0 0 6447 0 0	
233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249	20269.00 712.00 1082.00 358926.00 134095.00 140600.00 6269498.00 4583504.00 3964215.00 513.00 369.00 13.50 27.00 63.00 18.00 3375.00	5898 12289 12743 324779 391085 322452 1948160 2097764 1894112 71256 53626 35869 135921 114666 97849 68071 84316	33.0 14.0 12.0 10.0 10.0 12.0 13.0 14.0 13.0 14.5 19.5 10.0	0.0 0.0 0.0 112391.0 88124.0 0.0 2841712.0 2298660.0 2150745.0 44071.5 25713.0 49305.0 0.0 3592.5 94755.0 123249.0	0.0 0.0 0.0 3968.0 0.0 173148.0 151159.0 68310.0 1653.0 3426.0 3255.0 25830.0 9379.5 5688.0 0.0	154 338 361 11370 9979 11023 6523 9973 8317 466 574 893 1422 1204	663.0 328.0 195.0 337.0 233.0 309.0 358.0 304.0 710.0 506.5 436.5 319.0 231.5 483.0 570.5 167.0 504.0	0 0 288 0 0 96589 39852 7722 0 0 0 6447 0 0	
233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250	20269.00 712.00 1082.00 358926.00 134095.00 140600.00 6269498.00 4583504.00 3964215.00 513.00 369.00 13.50 27.00 63.00 18.00 3375.00 3015.00 0.00	5898 12289 12743 324779 391085 322452 1948160 2097764 1894112 71256 35869 135921 114666 97849 68071 84316	33.0 14.0 12.0 10.0 12.0 12.0 12.0 13.0 14.0 13.0 14.5 19.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.0	0.0 0.0 0.0 112391.0 88124.0 0.0 2841712.0 2298660.0 2150745.0 44071.5 25713.0 49305.0 0.0 3592.5 94755.0 123249.0	0.0 0.0 0.0 3968.0 0.0 173148.0 151159.0 68310.0 1653.0 3426.0 3255.0 25830.0 9379.5 5688.0 0.0	154 338 361 11370 9979 11023 6523 9973 8317 466 574 893 1422 1204 1365 611	663.0 328.0 195.0 337.0 233.0 309.0 358.0 304.0 710.0 606.5 436.5 319.0 231.5 483.0 5770.5 167.0 604.0 0.0	0 0 288 0 0 96589 39852 7722 0 0 0 6447 0 0 0 0 3333967	
233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251	20269.00 712.00 1082.00 358926.00 134095.00 140600.00 6269498.00 4583504.00 3964215.00 513.00 369.00 13.50 27.00 63.00 18.00 3375.00 3015.00 0.00 79196.00	5898 12289 12743 324779 391085 322452 1948160 2097764 1894112 71256 53626 35869 135921 114666 97849 68071 84316	33.0 94.0 92.0 97.0 94.0 94.0 96.0 98.0 98.0 99.5 90.5 90.5 90.5 90.5 90.5 90.5 90.0 91.5	0.0 0.0 0.0 112391.0 88124.0 0.0 2841712.0 2298660.0 2150745.0 44071.5 25713.0 49305.0 0.0 3592.5 94755.0 123249.0 0.0	0.0 0.0 0.0 3968.0 0.0 173148.0 151159.0 68310.0 1653.0 3426.0 3255.0 25830.0 9379.5 5688.0 0.0 14034.0	154 338 361 11370 9979 11023 6523 9973 8317 466 574 893 1422 1204 1365 611	363.0 328.0 195.0 237.0 233.0 309.0 358.0 304.0 710.0 506.5 436.5 319.0 231.5 483.0 5770.5 167.0 504.0 0.0 0.0	0 0 288 0 0 96589 39852 7722 0 0 0 6447 0 0 0 333967 0	
233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252	20269.00 712.00 1082.00 358926.00 134095.00 140600.00 6269498.00 4583504.00 3964215.00 513.00 369.00 13.50 27.00 63.00 18.00 3375.00 3015.00 0.00 79196.00 3796362.00	5898 12289 12743 324779 391085 322452 1948160 2097764 1894112 71256 53626 35869 135921 114666 97849 68071 84316	33.0 94.0 92.0 90.0 94.0 94.0 94.0 96.0 98.0 96.5 90.5 90.5 90.5 90.5 90.5 90.0 91.0 93.0 94.5 90.5 90.0 91.0	0.0 0.0 0.0 112391.0 88124.0 0.0 2841712.0 2298660.0 2150745.0 44071.5 25713.0 49305.0 0.0 3592.5 94755.0 123249.0 0.0 0.0	0.0 0.0 0.0 3968.0 0.0 173148.0 151159.0 68310.0 1653.0 3426.0 3255.0 25830.0 9379.5 5688.0 0.0 14034.0 0.0	154 338 361 11370 9973 11023 6523 9973 8317 466 574 899 1422 1204 1365 611 1346	663.0 328.0 195.0 337.0 233.0 309.0 358.0 304.0 710.0 606.5 436.5 319.0 231.5 483.0 570.5 167.0 504.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0 0 288 0 0 96589 39852 7722 0 0 0 6447 0 0 0 0 333967 0	
233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 250 251 252 253	20269.00 712.00 1082.00 358926.00 134095.00 140600.00 6269498.00 4583504.00 3964215.00 513.00 369.00 13.50 27.00 63.00 18.00 3375.00 3015.00 0.00 79196.00 3796362.00 4485724.00	5898 12289 12743 324779 391085 322452 1948160 2097764 1894112 71256 53626 53869 135921 114666 97849 68071 84316	33.0 44.0 52.0 57.0 54.0 53.0 66.0 68.0 64.5 590.5 10.0 61.5 12.0 63.5 12.0 63.0 64.0 64.5	0.0 0.0 0.0 112391.0 88124.0 0.0 2841712.0 2298660.0 2150745.0 44071.5 25713.0 49305.0 0.0 3592.5 94755.0 123249.0 0.0 1840297.0	0.0 0.0 0.0 3968.0 0.0 173148.0 151159.0 68310.0 1653.0 3426.0 3255.0 25830.0 9379.5 5688.0 0.0 14034.0 0.0	154 338 361 11370 9973 11023 6523 9973 8317 466 574 893 1422 1204 1365 611 1346	363.0 328.0 195.0 237.0 233.0 309.0 358.0 304.0 710.0 606.5 436.5 319.0 231.5 483.0 570.5 167.0 504.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0 0 288 0 0 96589 39852 7722 0 0 0 6447 0 0 0 0 333967 0 0	
233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 251 252 253 254	20269.00 712.00 1082.00 358926.00 134095.00 140600.00 6269498.00 4583504.00 3964215.00 513.00 369.00 13.50 27.00 63.00 18.00 3375.00 3015.00 0.00 79196.00 3796362.00 4485724.00 4686593.00	5898 12289 12743 324779 391085 322452 1948160 2097764 1894112 71256 53626 35869 135921 114666 97849 68071 84316	33.0 14.0 12.0 10.0 17.0 14.0 13.0 14.0 13.0 14.5 19.5 10.0 11.5 12.0 13.5 12.0 14.0 15.0 16.0 17.0 17.0 18.0 18.0 19.0	0.0 0.0 0.0 112391.0 88124.0 0.0 2298660.0 2150745.0 44071.5 25713.0 49305.0 0.0 3592.5 94755.0 123249.0 0.0 1840297.0 1012741.0 689125.0	0.0 0.0 0.0 3968.0 0.0 173148.0 151159.0 68310.0 1653.0 3426.0 3255.0 25830.0 9379.5 5688.0 0.0 14034.0 0.0 1900.0 0.0	154 338 361 11370 9975 11023 6523 9973 8311 466 574 893 1422 1204 1365 611 1346 1133	663.0 328.0 195.0 337.0 333.0 309.0 358.0 304.0 710.0 506.5 436.5 319.0 231.5 483.0 570.5 167.0 504.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0 0 288 0 0 96589 39852 7722 0 0 0 6447 0 0 0 0 3333967 0	
233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 250 251 253 253 255	20269.00 712.00 1082.00 358926.00 134095.00 140600.00 6269498.00 4583504.00 3964215.00 513.00 369.00 13.50 27.00 63.00 18.00 3375.00 3015.00 0.00 79196.00 3796362.00 4485724.00 4686593.00 161682.00	5898 12289 12743 324779 391085 322452 1948160 2097764 1894112 71256 53626 35869 135921 114666 97849 68071 84316	33.0 14.0 12.0 10.0 17.0 14.0 13.0 14.0 13.0 14.5 19.5 10.0 11.5 12.0 15.0 16.0 17.0 18.0 19.5	0.0 0.0 0.0 112391.0 88124.0 0.0 2841712.0 2298660.0 2150745.0 44071.5 25713.0 49305.0 0.0 3592.5 94755.0 123249.0 0.0 1840297.0 1012741.0 689125.0 199257.0	0.0 0.0 0.0 3968.0 0.0 173148.0 151159.0 68310.0 1653.0 3426.0 3255.0 25830.0 9379.5 5688.0 0.0 14034.0 0.0 1900.0 0.0 0.0 0.0 27296.0	154 338 361 11370 9979 11023 6523 9973 8311 466 574 893 1422 1204 1365 611 1346 1136 8988 8490 1193	663.0 328.0 195.0 337.0 233.0 309.0 358.0 304.0 710.0 506.5 436.5 3319.0 2231.5 483.0 570.5 167.0 504.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0 0 288 0 0 96589 39852 7722 0 0 0 6447 0 0 0 0 333967 0 1486 0 6221	
233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 253 254 255 256	20269.00 712.00 1082.00 358926.00 134095.00 140600.00 6269498.00 4583504.00 3964215.00 513.00 369.00 13.50 27.00 63.00 18.00 3375.00 3015.00 0.00 79196.00 3796362.00 4485724.00 4686593.00 161682.00 60046.00	5898 12289 12743 324779 391085 322452 1948160 2097764 1894112 71256 53626 35869 135921 114666 97849 68071 84316 119473 953474 813192 837929 837925	33.0 14.0 12.0 10.0 10.0 12.0 12.0 13.0 14.0 13.0 14.5 19.5 10.0	0.0 0.0 0.0 112391.0 88124.0 0.0 2841712.0 2298660.0 2150745.0 44071.5 25713.0 49305.0 0.0 3592.5 94755.0 123249.0 0.0 0.0 1840297.0 1012741.0 689125.0 199257.0 541968.0	0.0 0.0 0.0 3968.0 0.0 173148.0 151159.0 68310.0 1653.0 3255.0 25830.0 9379.5 5688.0 0.0 14034.0 0.0 1900.0 0.0 0.0 27296.0 2990.0	154 338 361 11370 9979 11023 6523 9973 8317 466 574 893 1422 1204 1365 61 1346 1133 8988 8490 1193 3074	663.0 328.0 195.0 237.0 233.0 309.0 358.0 304.0 710.0 506.5 436.5 319.0 2231.5 483.0 570.5 167.0 504.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0 0 288 0 0 96589 39852 7722 0 0 0 6447 0 0 0 0 3333967	
233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 250 251 252 253 256 257	20269.00 712.00 1082.00 358926.00 134095.00 140600.00 6269498.00 4583504.00 3964215.00 513.00 369.00 13.50 27.00 63.00 18.00 3375.00 3015.00 0.00 79196.00 3796362.00 4485724.00 4686593.00 161682.00 60046.00 90438.00	5898 12289 12743 324779 391085 322452 1948160 2097764 1894112 71256 53626 35869 135921 114666 97849 68071 84316	33.0 14.0 12.0 10.0 10.0 12.0 12.0 12.0 13.0 14.0 13.0 14.5 19.5 10.0	0.0 0.0 0.0 112391.0 88124.0 0.0 2841712.0 2298660.0 2150745.0 44071.5 25713.0 49305.0 0.0 0.0 3592.5 94755.0 123249.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 3968.0 0.0 173148.0 151159.0 68310.0 1653.0 3255.0 25830.0 9379.5 5688.0 0.0 14034.0 0.0 1900.0 0.0 27296.0 27296.0 234.0	154 338 361 11370 9979 11023 6523 9973 8317 466 574 893 1422 1204 1365 61 1346 1133 8988 8490 1193 3074	663.0 328.0 195.0 337.0 233.0 309.0 358.0 304.0 710.0 506.5 436.5 319.0 231.5 483.0 570.5 167.0 504.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0 0 288 0 0 96589 39852 7722 0 0 0 6447 0 0 0 0 333967 0 1486 0 6221 0	
233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 253 254 255 256	20269.00 712.00 1082.00 358926.00 134095.00 140600.00 6269498.00 4583504.00 3964215.00 513.00 369.00 13.50 27.00 63.00 18.00 3375.00 3015.00 0.00 79196.00 3796362.00 4485724.00 4686593.00 161682.00 60046.00	5898 12289 12743 324779 391085 322452 1948160 2097764 1894112 71256 53626 35869 135921 114666 97849 68071 84316 119473 953474 813192 837929 837925	33.0 14.0 12.0 10.0 12.0 12.0 13.0 14.0 13.0 14.5 19.5 10.0	0.0 0.0 0.0 112391.0 88124.0 0.0 2841712.0 2298660.0 2150745.0 44071.5 25713.0 49305.0 0.0 0.0 3592.5 94755.0 123249.0 0.0 0.0 1840297.0 1012741.0 689125.0 199257.0 541968.0 192151.0 0.0	0.0 0.0 0.0 0.0 3968.0 0.0 173148.0 151159.0 68310.0 1653.0 3426.0 3255.0 25830.0 9379.5 5688.0 0.0 14034.0 0.0 1900.0 0.0 27296.0 234.0 0.0	154 338 361 11370 9979 11023 6523 9973 8317 466 574 893 1420 1365 611 1346 1134 1134 8988 8490 11933 3074 457	663.0 328.0 195.0 337.0 233.0 309.0 358.0 304.0 710.0 506.5 436.5 319.0 231.5 483.0 570.5 167.0 604.0 0.0 021.0 200.0 091.0 7720.0 471.0 413.0 148.0 0.0	0 0 288 0 0 96589 39852 7722 0 0 0 6447 0 0 0 0 333967 0 0 1486 0 6221 0 120285 209820	
233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 250 251 252 253 257 258	20269.00 712.00 1082.00 358926.00 134095.00 140600.00 6269498.00 4583504.00 3964215.00 513.00 369.00 13.50 27.00 63.00 18.00 3375.00 3015.00 0.00 79196.00 3796362.00 4485724.00 4686593.00 161682.00 60046.00 90438.00 0.00	5898 12289 12743 324779 391085 322452 1948160 2097764 1894112 71256 53626 35869 135921 114666 97849 68071 84316 119473 953474 813192 837929 249561 209766	33.0 94.0 90.0 90.0 94.0 94.0 94.0 96.0 98.0 99.5 90.5 90.5 90.5 91.0	0.0 0.0 0.0 112391.0 88124.0 0.0 2841712.0 2298660.0 2150745.0 44071.5 25713.0 49305.0 0.0 0.0 3592.5 94755.0 123249.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 3968.0 0.0 173148.0 151159.0 68310.0 1653.0 3255.0 25830.0 9379.5 5688.0 0.0 14034.0 0.0 1900.0 0.0 27296.0 27296.0 234.0	154 338 361 11370 9979 11023 6523 9973 8317 466 577 893 1422 1204 1365 611 1346 1133 8983 8490 11933 3074 4194	663.0 328.0 195.0 337.0 233.0 309.0 358.0 304.0 710.0 506.5 436.5 319.0 231.5 483.0 570.5 167.0 504.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0 0 288 0 0 96589 39852 7722 0 0 0 6447 0 0 0 0 3333967 0 1486 0 6221 0 120285 209820 0	
233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 250 251 252 253 257 258 259 259	20269.00 712.00 1082.00 358926.00 134095.00 140600.00 6269498.00 4583504.00 3964215.00 513.00 369.00 13.50 27.00 63.00 18.00 3375.00 3015.00 0.00 79196.00 3796362.00 4485724.00 4686593.00 161682.00 60046.00 90438.00 0.00 238.50	5898 12289 12743 324779 391085 322452 1948160 2097764 1894112 71256 35869 135921 114666 97849 68071 84316 119473 953474 813192 837929 249561 209766 223762	33.0 14.0 17.0 17.0 14.0 13.0 14.0 13.0 14.0 13.0 14.5 19.5 10.0	0.0 0.0 0.0 112391.0 88124.0 0.0 2298660.0 2150745.0 44071.5 25713.0 49305.0 0.0 3592.5 94755.0 123249.0 0.0 1840297.0 1012741.0 689125.0 199257.0 541968.0 192151.0 0.0	0.0 0.0 0.0 0.0 3968.0 0.0 173148.0 151159.0 68310.0 1653.0 3426.0 3255.0 25830.0 9379.5 5688.0 0.0 14034.0 0.0 1900.0 0.0 0.0 27296.0 2990.0 0.0 0.0 10164.0	154 338 361 11370 9979 11023 6523 9973 8317 466 577 893 1422 1204 1365 611 1346 1133 8983 8490 11933 3074 4194 457	363.0 328.0 195.0 337.0 233.0 309.0 358.0 304.0 710.0 506.5 436.5 319.0 231.5 483.0 570.5 167.0 504.0 0.0 021.0 200.0 091.0 720.0 471.0 471.0 4413.0 148.0 0.0 668.5	0 0 288 0 0 96589 39852 7722 0 0 0 6447 0 0 0 0 333967 0 0 1486 0 6221 0 120285 209820	

OBS	STATION	YEAR MOVIES		SERIES	SPORTS DEVO		LOCAL	LOCAL OTHER	
262	WMUR	88	307.0	3030.0	12.0	607.0	1596.0	6.0	5558.0
263	WMUR	89	309.0	3485.0	63.0	288.0	1608.0	0.0	5753.0
264	WMUR	90	338.0	3311.0	0.0	224.0	1716.0	82.0	5671.0
265	WNBC	88	49.0	2162.0	0.0	0.0	1869.0	0.0	4080.0
266	WNBC	90	44.0	2453.0	0.0	48.0	1986.0	0.0	4532.0
267	WNEP	88	193.5	3372.0	78.0	234.0	1737.0	0.0	5614.5
268	WNEP	89	189.0	3591.0	55.5	240.0	1777.5	0.0	5853.0
269	WNEP	90	0.0	3207.0	0.0	213.0	2070.0	0.0	5490.0
270	WNET	89	0.0	0.0	0.0	0.0	0.0	13440.0	13440.0
271	WNEV	89	202.0	2102.0	0.0	110.0	2577.0	0.0	4991.0
272	WNJS	89	0.0	0.0	0.0	0.0	0.0	10677.0	10677.0
273	MNJU	88	1124.0	8026.0	0.0	3746.0	396.0	0.0	13292.0
274	MNJU	89	2250.0	7286.0	0.0	3552.0	244.0	0.0	13332.0
275	MNJU	90	1774.0	5564.0	0.0	2548.0	820.0	0.0	10706.0
276	WNUV	88	3430.0	8245.0	0.0	908.0	100.0	1.0	12684.0
277	WNYE	89	0.0	0.0	0.0	0.0	0.0	10528.0	10528.0
278	WNYW	88	2507.0	9265.0	0.0	224.0	1432.0	10.0	13438.0
279 280	WYW WYW	89 90	2678.0 1507.0	8313.0 9052.0	0.0	192.0	2257.0	0.0	13440.0
281	WOSU	90 89	0.0	0.0	0.0 0.0	182.0 0.0	2450.0	12.0	13203.0
282	WPBT	89	0.0	0.0	0.0	0.0	0.0 0.0	8050.0 12991.0	8050.0 12991.0
283	WPGH	88	2224.0	9811.0 ·	211.0	644.0	286.0	8.0	13184.0
284	WPGH	89	2537.0	9732.0	192.0	576.0	270.0	19.0	13326.0
285	WPGH	90	2500.0	9862.0	78.0	552.0	100.0	16.0	13108.0
286	WPHL	88	2526.0	7701.0	187.0	2679.0	264.0	7.0	13364.0
287	WPHL	89	2525.0	8024.0	308.0	2380.0	146.0	3.0	13386.0
288	WPHL	90	2305.0	8958.0	260.0	1638.0	164.0	40.0	13366.0
289	WPIX	88	3039.0	9561.0	244.0	273.0	318.0	5.0	13440.0
290	WPIX	89	2800.0	9528.0	225.0	276.0	597.0	13.0	13439.0
		o,	2000.0	/520.0	223.0	270.0	377.0	13.0	13437.0
OBS	VMOVIES		SERIES	VSPORTS		VDEVO	VLOCAL	VOTHER	13437.0
OBS		V		VSPORTS	,	VDEVO	VLOCAL	VOTHER	13437.0
OBS 262 263	VMOVIES	V:	SERIES		\ 23				13437.0
OBS 262 263 264	VMOVIES 14104.00	V: 57(54)	SERIES	VSPORTS 0.0	23 91	VDEVO 372.0	VLOCAL 204002.0	VOTHER 0	13437.0
OBS 262 263 264 265	VMOVIES 14104.00 13813.00 9333.00 0.00	V: 57! 54! 59 42	SERIES 0047.0 5328.0 1370.0 7939.0	VSPORTS 0.0 0.0 0.0 0.0	23 91	VDEVO 372.0 196.0	VLOCAL 204002.0 432483.0	VOTHER 0 0	13437.0
OBS 262 263 264 265 266	VMOVIES 14104.00 13813.00 9333.00 0.00 0.00	V: 57(54) 59 42 35	SERIES 0047.0 5328.0 1370.0 7939.0 1167.0	VSPORTS 0.0 0.0 0.0 0.0 0.0	23 9: 38	VDEVO 372.0 196.0 846.0 0.0	VLOCAL 204002.0 432483.0 473084.0 222994.0 440447.0	VOTHER 0 0 5690 0	13437.0
OBS 262 263 264 265 266 267	VMOVIES 14104.00 13813.00 9333.00 0.00 0.00 290.25	57/ 54/ 59 42 35 385/	SERIES 0047.0 5328.0 1370.0 7939.0 1167.0 8262.5	VSPORTS 0.0 0.0 0.0 0.0 0.0 20202.0	23 9° 38 42°	VDEVO 372.0 196.0 846.0 0.0 0.0	VLOCAL 204002.0 432483.0 473084.0 222994.0 440447.0 4203045.0	VOTHER 0 0 5690 0 0	13437.0
OBS 262 263 264 265 266 267 268	VMOVIES 14104.00 13813.00 9333.00 0.00 0.00 290.25 283.50	V: 574 54 59 42 35 385 434	0047.0 5328.0 1370.0 7939.0 1167.0 8262.5 6277.0	VSPORTS 0.0 0.0 0.0 0.0 0.0 20202.0 53401.5	22 9° 38 42' 52'	772.0 196.0 846.0 0.0 0.0 111.0 266.0	VLOCAL 204002.0 432483.0 473084.0 222994.0 440447.0 4203045.0 5535252.0	VOTHER 0 0 5690 0 0 0	13437.0
OBS 262 263 264 265 266 267 268 269	VMOVIES 14104.00 13813.00 9333.00 0.00 0.00 290.25 283.50 0.00	V: 574 54 59 42 35 385 434	0047.0 5328.0 1370.0 7939.0 1167.0 8262.5 6277.0 4071.0	VSPORTS 0.0 0.0 0.0 0.0 0.0 20202.0 53401.5 0.0	22 9° 38 42' 52'	VDEVO 372.0 196.0 846.0 0.0 0.0 111.0 266.0	VLOCAL 204002.0 432483.0 473084.0 222994.0 440447.0 4203045.0 5535252.0 5638566.0	VOTHER 0 0 5690 0 0 0 0 0 0	13437.0
OBS 262 263 264 265 266 267 268 269 270	VMOVIES 14104.00 13813.00 9333.00 0.00 0.00 290.25 283.50 0.00 0.00	57 54 59 42 35 385 434 498	0047.0 5328.0 1370.0 7939.0 1167.0 8262.5 6277.0 4071.0 0.0	VSPORTS 0.0 0.0 0.0 0.0 0.0 20202.0 53401.5 0.0	22 9° 38 42' 52'	VDEVO 372.0 196.0 846.0 0.0 0.0 111.0 266.0 152.0 0.0	VLOCAL 204002.0 432483.0 473084.0 222994.0 440447.0 4203045.0 55355252.0 5638566.0 0.0	VOTHER 0 0 5690 0 0 0 7797080	13437.0
OBS 262 263 264 265 266 267 268 269 270 271	VMOVIES 14104.00 13813.00 9333.00 0.00 0.00 290.25 283.50 0.00 0.00 52650.00	57 54 59 42 35 385 434 498	0047.0 5328.0 1370.0 7939.0 1167.0 8262.5 6277.0 4071.0 0.0	VSPORTS 0.0 0.0 0.0 0.0 0.0 20202.0 53401.5 0.0 0.0	22 9° 38 42' 52'	VDEVO 372.0 196.0 846.0 0.0 0.0 111.0 266.0 152.0 0.0 0.0	VLOCAL 204002.0 432483.0 473084.0 222994.0 440447.0 4203045.0 5535252.0 5638566.0 0.0 664298.0	VOTHER 0 0 5690 0 0 0 7797080 0	13437.0
0BS 262 263 264 265 266 267 268 269 270 271 272	VMOVIES 14104.00 13813.00 9333.00 0.00 0.00 290.25 283.50 0.00 0.00 52650.00 0.00	577 544 59 42 35 385 434 498	0047.0 5328.0 1370.0 7939.0 1167.0 8262.5 6277.0 4071.0 0.0 0976.0	VSPORTS 0.0 0.0 0.0 0.0 0.0 20202.0 53401.5 0.0 0.0 0.0	22 99 38 42 52 85	VDEVO 372.0 196.0 346.0 0.0 0.0 111.0 266.0 152.0 0.0 0.0	VLOCAL 204002.0 432483.0 473084.0 222994.0 440447.0 4203045.0 5535252.0 5638566.0 0.0 664298.0 0.0	VOTHER 0 0 5690 0 0 0 7797080 0 1549733	13437.0
0BS 262 263 264 265 266 267 268 269 270 271 272 273	VMOVIES 14104.00 13813.00 9333.00 0.00 0.00 290.25 283.50 0.00 0.00 52650.00 0.00 45100.00	V: 57/ 54/ 59 42 35 385/ 434/ 498 141/	0047.0 5328.0 1370.0 7939.0 1167.0 8262.5 6277.0 4071.0 0.0 0976.0 0.0 5448.0	VSPORTS 0.0 0.0 0.0 0.0 20202.0 53401.5 0.0 0.0 0.0	22 97 38 42 52 85	VDEVO 372.0 196.0 346.0 0.0 0.0 111.0 266.0 152.0 0.0 0.0 0.0 838.0	VLOCAL 204002.0 432483.0 473084.0 222994.0 440447.0 4203045.0 5535252.0 5638566.0 0.0 664298.0 0.0 56254.0	VOTHER 0 5690 0 0 0 7797080 1549733	13437.0
0BS 262 263 264 265 266 267 268 269 270 271 272 273 274	VMOVIES 14104.00 13813.00 9333.00 0.00 0.00 290.25 283.50 0.00 0.00 52650.00 0.00 45100.00 326992.00	V: 57/ 54/ 59 42/ 35 385/ 434/ 498/ 141/ 133 64	0047.0 5328.0 1370.0 7939.0 1167.0 8262.5 6277.0 4071.0 0.0 0.0 5448.0	VSPORTS 0.0 0.0 0.0 0.0 20202.0 53401.5 0.0 0.0 0.0 0.0	22 97 38 422 522 85	VDEVO 372.0 196.0 3846.0 0.0 0.0 111.0 266.0 152.0 0.0 0.0 838.0	VLOCAL 204002.0 432483.0 473084.0 222994.0 440447.0 4203045.0 5535252.0 5638566.0 0.0 664298.0 0.0 56254.0 31318.0	VOTHER 0 0 5690 0 0 0 7797080 1549733	13437.0
0BS 262 263 264 265 266 267 268 269 270 271 272 273	VMOVIES 14104.00 13813.00 9333.00 0.00 0.00 290.25 283.50 0.00 0.00 52650.00 0.00 45100.00	57/ 54/ 59/ 42/ 35/ 385/ 434/ 498/ 141/ 133/ 64/ 83	0047.0 5328.0 1370.0 7939.0 1167.0 8262.5 6277.0 4071.0 0.0 0976.0 0.0 5448.0	VSPORTS 0.0 0.0 0.0 0.0 20202.0 53401.5 0.0 0.0 0.0	22 9' 38 42' 52' 85' 266' 2090 119'	VDEVO 372.0 196.0 346.0 0.0 0.0 111.0 266.0 152.0 0.0 0.0 0.0 838.0	VLOCAL 204002.0 432483.0 473084.0 222994.0 440447.0 4203045.0 5535252.0 5638566.0 0.0 664298.0 0.0 56254.0 31318.0 33871.0	VOTHER 0 0 5690 0 0 7797080 1549733 0 0	13437.0
0BS 262 263 264 265 266 267 268 269 270 271 272 273 274 275	VMOVIES 14104.00 13813.00 9333.00 0.00 0.00 290.25 283.50 0.00 0.00 52650.00 0.00 45100.00 326992.00 23732.00	57/ 54/ 59/ 42/ 35/ 385/ 434/ 498/ 141/ 133/ 64/ 83	0047.0 5328.0 1370.0 7939.0 1167.0 8262.5 6277.0 4071.0 0.0 0.0 5448.0 1477.0 5888.0	VSPORTS 0.0 0.0 0.0 0.0 20202.0 53401.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0	22 9' 38 42' 52' 85' 266' 2090 119'	VDEVO 372.0 196.0 346.0 0.0 0.0 111.0 266.0 152.0 0.0 0.0 838.0 844.0 961.0	VLOCAL 204002.0 432483.0 473084.0 222994.0 440447.0 4203045.0 5535252.0 5638566.0 0.0 664298.0 0.0 56254.0 31318.0 33871.0 2414.0	VOTHER 0 0 5690 0 0 0 7797080 0 1549733 0 0 0	13437.0
0BS 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278	VMOVIES 14104.00 13813.00 9333.00 0.00 0.00 290.25 283.50 0.00 52650.00 52650.00 45100.00 326992.00 23732.00 954761.00	577 544 59 422 35 385 434 498 141 133 64 83 149	0047.0 5328.0 1370.0 7939.0 1167.0 8262.5 6277.0 4071.0 0.0 0976.0 0.0 5448.0 1477.0 5888.0 0700.0	VSPORTS 0.0 0.0 0.0 0.0 20202.0 53401.5 0.0 0.0 0.0 0.0 0.0	25 97 38 42 527 85 2666 2099 1199	VDEVO 372.0 196.0 846.0 0.0 0.0 111.0 266.0 152.0 0.0 0.0 838.0	VLOCAL 204002.0 432483.0 473084.0 222994.0 440447.0 4203045.0 5535252.0 5638566.0 0.0 664298.0 0.0 56254.0 31318.0 33871.0	VOTHER 0 0 5690 0 0 7797080 1549733 0 0	13437.0
0BS 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278	VMOVIES 14104.00 13813.00 9333.00 0.00 290.25 283.50 0.00 0.00 52650.00 45100.00 326992.00 23732.00 954761.00 0.00	577 544 59 422 35 385; 434; 498; 141 133 64 83 149	0047.0 5328.0 1370.0 7939.0 1167.0 8262.5 6277.0 4071.0 0.0 0976.0 0.0 5448.0 1477.0 5888.0 0700.0	VSPORTS 0.0 0.0 0.0 0.0 20202.0 53401.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0	25 97 38 42 522 85 2668 2099 1199 144	VDEVO 372.0 196.0 346.0 0.0 0.0 111.0 266.0 152.0 0.0 0.0 838.0 844.0 961.0	VLOCAL 204002.0 432483.0 473084.0 222994.0 440447.0 4203045.0 5535252.0 5638566.0 0.0 664298.0 0.0 56254.0 31318.0 33871.0 2414.0 0.0	VOTHER 0 0 5690 0 0 0 7797080 0 1549733 0 0 0 34636	13437.0
0BS 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 280	VMOVIES 14104.00 13813.00 9333.00 0.00 0.00 290.25 283.50 0.00 0.00 52650.00 0.00 45100.00 326992.00 23732.00 954761.00 0.00 5893497.00 5585105.00 3504994.00	577 544 59 422 35 385; 434; 498; 141 133 64 83 149 1823 1778	0047.0 5328.0 1370.0 7939.0 1167.0 8262.5 6277.0 4071.0 0.0 0976.0 0.0 5448.0 1477.0 5888.0 0700.0 0.0 7698.0	VSPORTS 0.0 0.0 0.0 0.0 20202.0 53401.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	25 97 38 42 522 85 2669 1199 144 61	VDEVO 372.0 196.0 346.0 0.0 0.0 111.0 266.0 152.0 0.0 0.0 838.0 844.0 961.0 884.0 0.0 186.0 070.0	VLOCAL 204002.0 432483.0 473084.0 222994.0 440447.0 4203045.0 5535252.0 5638566.0 0.0 664298.0 0.0 56254.0 31318.0 33871.0 2414.0 0.0 2495324.0	VOTHER 0 0 5690 0 0 0 7797080 0 1549733 0 0 34636 25500	13437.0
0BS 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281	VMOVIES 14104.00 13813.00 9333.00 0.00 0.00 290.25 283.50 0.00 52650.00 0.00 45100.00 326992.00 23732.00 954761.00 0.00 5585105.00 3504994.00 0.00	577 544 59 422 35 385; 434; 498; 141 133 64 83 149 1823 1778	0047.0 5328.0 1370.0 7939.0 1167.0 8262.5 6277.0 4071.0 0.0 0976.0 0.0 5448.0 1477.0 5888.0 0700.0 0.0 7698.0 1460.0 4710.0	VSPORTS 0.0 0.0 0.0 0.0 20202.0 53401.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	25 97 38 42 522 85 2669 1199 144 61	VDEVO 372.0 196.0 346.0 0.0 0.0 111.0 266.0 152.0 0.0 0.0 838.0 844.0 961.0 884.0 0.0 186.0 070.0	VLOCAL 204002.0 432483.0 473084.0 222994.0 440447.0 4203045.0 5535252.0 5638566.0 0.0 664298.0 0.0 56254.0 31318.0 33871.0 2414.0 0.0 2495324.0 2893489.0 2483132.0 0.0	VOTHER 0 0 5690 0 0 0 7797080 1549733 0 0 34636 25500 0 960482	13437.0
0BS 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282	VMOVIES 14104.00 13813.00 9333.00 0.00 0.00 290.25 283.50 0.00 52650.00 0.00 45100.00 326992.00 23732.00 954761.00 0.00 55853105.00 3504994.00 0.00 0.00	57/ 54/ 59 42/ 35/ 385/ 434/ 498 141/ 133 64/ 83 149 1823 1778 1528	0047.0 5328.0 1370.0 7939.0 1167.0 8262.5 6277.0 4071.0 0.0 0976.0 0.0 5448.0 1477.0 5888.0 0700.0 0.0 1479.0 1470.0 0.0 0.0	VSPORTS 0.0 0.0 0.0 0.0 20202.0 53401.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	25 97 38 422 5522 85 2666 2090 1199 146 61 777 473	VDEVO 372.0 196.0 346.0 0.0 0.0 111.0 266.0 152.0 0.0 0.0 838.0 844.0 961.0 884.0 0.0 186.0 0.0 186.0 0.0 0.0	VLOCAL 204002.0 432483.0 473084.0 222994.0 440447.0 4203045.0 5535252.0 5638566.0 0.0 664298.0 0.0 56254.0 31318.0 33871.0 2414.0 0.0 2495324.0 28933489.0 2483132.0 0.0	VOTHER 0 0 5690 0 0 0 7797080 1549733 0 0 34636 25500 0 960482 3193578	13437.0
262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283	VMOVIES 14104.00 13813.00 9333.00 0.00 0.00 290.25 283.50 0.00 52650.00 0.00 45100.00 326992.00 23732.00 954761.00 0.00 58893497.00 5585105.00 3504994.00 0.00 6373272.00	570 549 422 35 3850 4344 498 1411 133 64 83 149 1823 1778 1528	0047.0 5328.0 1370.0 7939.0 1167.0 8262.5 6277.0 4071.0 0.0 0976.0 0.0 5448.0 1477.0 5888.0 0700.0 0.0 7698.0 1460.0 4710.0 0.0	VSPORTS 0.0 0.0 0.0 0.0 20202.0 53401.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	25 9' 38 42' 52' 85' 266' 209' 119' 14' 47' 47'	VDEVO 372.0 196.0 196.0 0.0 0.0 111.0 266.0 152.0 0.0 0.0 838.0 844.0 961.0 884.0 0.0 186.0 070.0 422.0 0.0 8860.0	VLOCAL 204002.0 432483.0 473084.0 222994.0 440447.0 4203045.0 5535252.0 5638566.0 0.0 664298.0 0.0 56254.0 31318.0 33871.0 2414.0 0.0 2495324.0 2495324.0 24933489.0 2483132.0 0.0 87793.0	VOTHER 0 0 5690 0 0 0 7797080 0 1549733 0 0 34636 25500 0 960482 3193578 3396	13437.0
262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284	VMOVIES 14104.00 13813.00 9333.00 0.00 0.00 290.25 283.50 0.00 52650.00 52650.00 45100.00 326992.00 23732.00 954761.00 0.00 58893497.00 5585105.00 3504994.00 0.00 6373272.00 6999035.00	1823 1778 1829 1852 1852	0047.0 5328.0 1370.0 7939.0 1167.0 8262.5 6277.0 4071.0 0.0 0976.0 0.0 5448.0 1477.0 5888.0 0700.0 0.0 7698.0 1460.0 4710.0 0.0 0.0	VSPORTS 0.0 0.0 0.0 0.0 20202.0 53401.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	25 9' 38 42' 52' 85' 266' 209' 119' 14' 47' 47'	7/DEVO 372.0 196.0 196.0 0.0 0.0 111.0 266.0 152.0 0.0 0.0 838.0 844.0 961.0 884.0 0.0 186.0 070.0 0.0 0.0 888.0	VLOCAL 204002.0 432483.0 473084.0 222994.0 440447.0 4203045.0 5535252.0 5638566.0 0.0 664298.0 0.0 56254.0 31318.0 33871.0 2414.0 0.0 2495324.0 2893489.0 2483132.0 0.0 87793.0 39507.0	VOTHER 0 0 5690 0 0 0 7797080 0 1549733 0 0 34636 25500 0 960482 3193578 3396 32244	13437.0
262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285	VMOVIES 14104.00 13813.00 9333.00 0.00 0.00 290.25 283.50 0.00 0.00 52650.00 0.00 45100.00 326992.00 23732.00 954761.00 0.00 5893497.00 5585105.00 3504994.00 0.00 6373272.00 6999035.00 5725855.00	141 133 64 498 141 133 64 1823 1778 1528 1829 1852 2099	0047.0 5328.0 1370.0 7939.0 1167.0 8262.5 6277.0 4071.0 0.0 0976.0 0.0 5448.0 1477.0 5888.0 0700.0 0.0 7698.0 1460.0 4710.0 0.0 0.0 4483.0 7650.0 04444.0	VSPORTS 0.0 0.0 0.0 0.0 20202.0 53401.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	25 9' 38 422 522 85 2669 1199 149 147 470 1791 1791 1791 1791	7/DEVO 372.0 196.0 196.0 0.0 0.0 111.0 266.0 152.0 0.0 0.0 884.0 0.0 186.0 070.0 422.0 0.0 860.0 382.0 101.0	VLOCAL 204002.0 432483.0 473084.0 222994.0 440447.0 4203045.0 5535252.0 5638566.0 0.0 664298.0 0.0 56254.0 31318.0 33871.0 2414.0 0.0 2495324.0 2495324.0 2495324.0 2893489.0 2483132.0 0.0 87793.0 39507.0 13253.0	VOTHER 0 0 5690 0 0 0 7797080 0 1549733 0 0 0 34636 25500 0 960482 3193578 3396 32244 10300	13437.0
262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286	VMOVIES 14104.00 13813.00 9333.00 0.00 0.00 290.25 283.50 0.00 0.00 52650.00 0.00 45100.00 326992.00 23732.00 954761.00 0.00 5893497.00 5585105.00 3504994.00 0.00 6373272.00 6999035.00 5725855.00 4282834.00	1823 1778 1823 1852 1852 2099 990	0047.0 5328.0 1370.0 7939.0 1167.0 8262.5 6277.0 4071.0 0.0 0976.0 0.0 5448.0 1477.0 5888.0 0700.0 0.0 7698.0 1460.0 4710.0 0.0 4483.0 7650.0 0444.0 1304.0	VSPORTS 0.0 0.0 0.0 0.0 20202.0 53401.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	25 97 38 422 527 85 2669 2099 1199 144 61 777 476 1791 1791 1741 1300 917	VDEVO 372.0 196.0 346.0 0.0 0.0 111.0 266.0 152.0 0.0 0.0 838.0 844.0 961.0 884.0 0.0 186.0 070.0 422.0 0.0 860.0 382.0 101.0 182.0	VLOCAL 204002.0 432483.0 473084.0 222994.0 440447.0 4203045.0 5535252.0 5638566.0 0.0 664298.0 0.0 56254.0 31318.0 33871.0 2414.0 0.0 2495324.0 2893489.0 2483132.0 0.0 87793.0 39507.0 13253.0 39258.0	VOTHER 0 0 5690 0 0 0 7797080 0 1549733 0 0 34636 25500 0 960482 3193578 3396 32244 10300 5322	13437.0
0BS 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 280 281 282 283 284 285 286 287	VMOVIES 14104.00 13813.00 9333.00 0.00 0.00 290.25 283.50 0.00 0.00 52650.00 0.00 45100.00 326992.00 23732.00 954761.00 0.00 5893497.00 5585105.00 3504994.00 0.00 6373272.00 6999035.00 5725855.00 4282834.00 3715033.00	1823 1778 1829 1822 2099 990 887	0047.0 5328.0 1370.0 7939.0 1167.0 8262.5 6277.0 4071.0 0.0 0976.0 0.0 5448.0 1477.0 5888.0 0700.0 7698.0 1460.0 4710.0 0.0 0.0 0.0 0.0 0.0 7698.0 1460.0 4710.0 0.0 0.0 0.0 0.0 7698.0 1304.0 7320.0	VSPORTS 0.0 0.0 0.0 0.0 20202.0 53401.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	22 97 38 42: 52: 85 2666 2099 1199 146 61 770 470 1793 1743 1743 1743 1743 1743 1743 1743	VDEVO 372.0 196.0 346.0 0.0 0.0 111.0 266.0 152.0 0.0 0.0 838.0 844.0 961.0 884.0 0.0 186.0 0.0 8860.0 3382.0 101.0 182.0 4455.0	VLOCAL 204002.0 432483.0 473084.0 222994.0 440447.0 4203045.0 5535252.0 5638566.0 0.0 664298.0 0.0 56254.0 31318.0 33871.0 2414.0 0.0 2495324.0 2893489.0 2483132.0 0.0 87793.0 39507.0 13253.0 39258.0 11141.0	VOTHER 0 0 5690 0 0 0 7797080 1549733 0 0 34636 25500 0 960482 3193578 3396 32244 10300 5322 0	13437.0
0BS 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288	VMOVIES 14104.00 13813.00 9333.00 0.00 0.00 290.25 283.50 0.00 52650.00 0.00 45100.00 326992.00 23732.00 954761.00 0.00 5893497.00 5585105.00 3504994.00 0.00 6373272.00 6999035.00 5725855.00 4282834.00 3715033.00 3126877.00	1829 1829 1829 1829 1852 1852 1852 1852 1852 1852 1852 1852	0047.0 5328.0 1370.0 7939.0 1167.0 8262.5 6277.0 4071.0 0.0 0976.0 0.0 5448.0 1477.0 5888.0 0700.0 0.0 1477.0 5888.0 0700.0 0.0 4483.0 7698.0 1460.0 4710.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	VSPORTS 0.0 0.0 0.0 0.0 20202.0 53401.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	25 97 38 42: 52: 85 266(209) 119(14) 61 77: 47: 179: 174: 1300 917 390: 389:	VDEVO 372.0 196.0 346.0 0.0 0.0 111.0 266.0 152.0 0.0 0.0 838.0 844.0 961.0 884.0 0.0 186.0 0.0 842.0 0.0 860.0 382.0 101.0 182.0 485.0 899.0	VLOCAL 204002.0 432483.0 473084.0 222994.0 440447.0 4203045.0 5535252.0 5638566.0 0.0 664298.0 0.0 56254.0 31318.0 33871.0 2414.0 0.0 2495324.0 2893489.0 2483132.0 0.0 87793.0 39507.0 13253.0 39258.0 11141.0 10506.0	VOTHER 0 0 5690 0 0 0 7797080 1549733 0 0 34636 25500 0 960482 3193578 3396 32244 10300 5322 0 91914	13437.0
0BS 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 280 281 282 283 284 285 286 287	VMOVIES 14104.00 13813.00 9333.00 0.00 0.00 290.25 283.50 0.00 0.00 52650.00 0.00 45100.00 326992.00 23732.00 954761.00 0.00 5893497.00 5585105.00 3504994.00 0.00 6373272.00 6999035.00 5725855.00 4282834.00 3715033.00	1823 1778 1829 1852 2099 990 887 6260	0047.0 5328.0 1370.0 7939.0 1167.0 8262.5 6277.0 4071.0 0.0 0976.0 0.0 5448.0 1477.0 5888.0 0700.0 7698.0 1460.0 4710.0 0.0 0.0 0.0 0.0 0.0 7698.0 1460.0 4710.0 0.0 0.0 0.0 0.0 7698.0 1304.0 7320.0	VSPORTS 0.0 0.0 0.0 0.0 20202.0 53401.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	25 97 38 42: 52: 85 266(209) 119(14) 61 77: 47: 179: 174: 1300 917 390: 389:	VDEVO 372.0 196.0 3846.0 0.0 0.0 111.0 266.0 152.0 0.0 0.0 838.0 844.0 961.0 884.0 0.0 186.0 0.0 860.0 382.0 101.0 182.0 485.0 899.0 414.0	VLOCAL 204002.0 432483.0 473084.0 222994.0 440447.0 4203045.0 5535252.0 5638566.0 0.0 664298.0 0.0 56254.0 31318.0 33871.0 2414.0 0.0 2495324.0 2893489.0 2483132.0 0.0 87793.0 39507.0 13253.0 39258.0 11141.0	VOTHER 0 0 5690 0 0 0 7797080 1549733 0 0 34636 25500 0 960482 3193578 3396 32244 10300 5322 0	13437.0

088	STATION	YEAR	MOVIES	SERIES	SPORTS	DEVO	LOCAL	OTHER	TOTAL
291	WPIX	90	2348.0	9610.0	250.0	156.0	1044.0	0.0	13408.0
292	WPRI	88	97.5	3498.0	93.0	282.0	1383.0	0.0	5353.5
293	WPRI	89	84.0	3657.0	39.0	288.0	1326.0	0.0	5394.0
294	WPRI	90	36.0	4122.0	0.0	192.0	1332.0	48.0	5730.0
295	WPTT	89	2408.0	9464.0	108.0	1288.0	126.0	0.0	13394.0
296	WPVI	88	1494.0			2658.0	9.0	6320.0	
297	WPVI	89	1527.0	2111.0	56.0 0.0		2749.0	0.0	6443.0
298	WPVI	90	1315.0	2182.0	0.0	0.0	2624.0	70.0	6191.0
299	WPXI	89	168.0	2977.0	0.0	220.0	1637.0	0.0	5002.0
300	WPXI	90	262.0	3100.0	20.0	288.0	2072.0	0.0	5742.0
301	WSB	88	216.0	4334.0	125.0	230.0	1924.0	2.0	6831.0
302	WSB	89	239.0	4280.0	165.0	216.0	2029.0	0.0	6929.0
303	WSB	90	104.0	3991.0	0.0	262.0	2084.0	148.0	6589.0
304	WSBK	88	2332.0	9565.0	656.0	144.0	. 582.0	44.0	13323.0
305	WSBK	89	2430.0	9720.0	587.0	148.0	520.0	5.0	13410.0
306	WSBK	90	2372.0	9763.0	632.0	150.0		60.0	13336.0
307	WSTM	88	168.0	3231.0	0.0	144.0	1108.5	12.0	4663.5
308	WSTM	89	70.5	3117.0	0.0	135.0	1090.5	0.0	4413.0
309	WSVN	89	1417.0	7349.0	255.0	288.0	4128.0	1.0	13438.0
310	WSYX	88	291.0	4408.5	79.5	168.0		0.0	5868.0
311	WSYX	89	216.0	4549.5	172.5	240.0	912.0	0.0	6090.0
312	WTBS	88	4757.0	6810.0	1130.0	304.0		1.0	13440.0
313	WTBS	89	5072.0	6754.0	907.0	212.0	494.0	0.0	13439.0
314	WTBS	90	5025.0	6899.0	482.0	144.0	740.0	100.0	13392.0
315	WTIC	88	2555.0	7223.0	123.0	748.0		7.0	10770.0
316	WTOG	88	3418.5	9001.5	61.5	81.0		9.0	13306.5
317	WTOG	89	3610.5	8610.0	144.0	516.0		15.0	13338.0
318	WTOG	90	2910.0	9099.0	96.0	636.0		0.0	13305.0
319	WTOV	89	24.0	2998.5	48.0	436.5	885.0	0.0	4392.0
OBS	VMOVIES	V	SERIES	VSPORTS	VDI	EVO	VLOCAL	VOTHER	
291	28351795.00		SERIES	VSPORTS 4389318.0	VDI 81278		VLOCAL 3082368.0	VOTHER	
291 292		5404			8127	8.0			
291 292 293	28351795.00 146.25 126.00	5404 191	9604.0	4389318.0		8.0 2.0	3082368.0	0.0	
291 292 293 294	28351795.00 146.25 126.00 54.00	5404 191 220	9604.0 0667.0	4389318.0 9294.0	81278 23323 23298 18343	8.0 2.0 8.0 3.5	3082368.0 101607.0	0.0	
291 292 293 294 295	28351795.00 146.25 126.00 54.00 1843019.00	5404 191 220 234 558	9604.0 0667.0 18097.5 1102.5	4389318.0 9294.0 43165.5	81278 23323 23298	8.0 2.0 8.0 3.5	3082368.0 101607.0 149911.5	0.0 0.0 0.0	
291 292 293 294 295 296	28351795.00 146.25 126.00 54.00 1843019.00 595515.00	5404 191 220 234 558 94	9604.0 0667.0 18097.5 1102.5 12874.0 5419.0	4389318.0 9294.0 43165.5 0.0 54888.0 57732.0	81276 23326 23296 18346 125156	8.0 2.0 8.0 3.5 8.0	3082368.0 101607.0 149911.5 233986.5 23676.0 482114.0	0.0 0.0 0.0 61809.0	
291 292 293 294 295 296 297	28351795.00 146.25 126.00 54.00 1843019.00 595515.00 561332.00	5404 191 220 234 558 94	9604.0 0667.0 18097.5 1102.5 12874.0 5419.0	4389318.0 9294.0 43165.5 0.0 54888.0	81273 23323 23293 18343 12515	8.0 2.0 8.0 3.5 8.0 0.0	3082368.0 101607.0 149911.5 233986.5 23676.0 482114.0 837410.0	0.0 0.0 0.0 61809.0 0.0 0.0	
291 292 293 294 295 296 297 298	28351795.00 146.25 126.00 54.00 1843019.00 595515.00 561332.00 326690.00	5404 191 220 234 558 94 95	9604.0 0667.0 18097.5 1102.5 12874.0 5419.0 16865.0	4389318.0 9294.0 43165.5 0.0 54888.0 57732.0 64589.0 0.0	81276 23326 23296 1834 12515	8.0 2.0 8.0 3.5 8.0 0.0	3082368.0 101607.0 149911.5 233986.5 23676.0 482114.0 837410.0 612633.0	0.0 0.0 0.0 61809.0 0.0 0.0 12722.0	
291 292 293 294 295 296 297 298 299	28351795.00 146.25 126.00 54.00 1843019.00 595515.00 561332.00 326690.00 79212.00	5404 191 220 234 558 94 95 79	9604.0 0667.0 8097.5 1102.5 5419.0 6865.0 9390.0	4389318.0 9294.0 43165.5 0.0 54888.0 57732.0 64589.0 0.0	81270 23329 23290 1834: 125150	8.0 2.0 8.0 3.5 8.0 0.0 0.0	3082368.0 101607.0 149911.5 233986.5 23676.0 482114.0 837410.0	0.0 0.0 0.0 61809.0 0.0 0.0	
291 292 293 294 295 296 297 298 299 300	28351795.00 146.25 126.00 54.00 1843019.00 595515.00 561332.00 326690.00 79212.00 59460.00	5404 191 220 234 558 94 95 79 306 273	9604.0 0667.0 8097.5 .1102.5 :2874.0 5419.0 6865.0 :5373.0 :9390.0	4389318.0 9294.0 43165.5 0.0 54888.0 57732.0 64589.0 0.0 0.0 34627.0	8127 2332; 2329; 1834; 12515; 3824; 3353;	8.0 2.0 8.0 3.5 8.0 0.0 0.0 0.0	3082368.0 101607.0 149911.5 233986.5 23676.0 482114.0 837410.0 612633.0 785704.0 730488.0	0.0 0.0 0.0 61809.0 0.0 0.0 12722.0 0.0	
291 292 293 294 295 296 297 298 299 300 301	28351795.00 146.25 126.00 54.00 1843019.00 595515.00 561332.00 326690.00 79212.00 59460.00 46658.00	5404 191 220 234 558 94 95 79 306 273	9604.0 0667.0 8097.5 1102.5 12874.0 5419.0 6865.0 15373.0 19390.0 18425.0	4389318.0 9294.0 43165.5 0.0 54888.0 57732.0 64589.0 0.0 0.0 34627.0 23313.0	8127 2332 2329 1834 12515 3824 3353 2015	8.0 2.0 8.0 3.5 8.0 0.0 0.0 0.0 9.0	3082368.0 101607.0 149911.5 233986.5 23676.0 482114.0 837410.0 612633.0 785704.0 730488.0 1389445.0	0.0 0.0 0.0 61809.0 0.0 0.0 12722.0 0.0 1103.0	
291 292 293 294 295 296 297 298 299 300 301 302	28351795.00 146.25 126.00 54.00 1843019.00 595515.00 561332.00 326690.00 79212.00 59460.00 46658.00 51642.00	5404 191 220 234 558 94 95 79 306 273 309 326	9604.0 0667.0 8097.5 1102.5 12874.0 5419.0 6865.0 15373.0 19390.0 18425.0 12639.0	4389318.0 9294.0 43165.5 0.0 54888.0 57732.0 64589.0 0.0 0.0 34627.0 23313.0 25617.0	81273 23323 23293 1834 125156 3824 33533 20156	8.0 2.0 8.0 3.5 8.0 0.0 0.0 0.0 8.0 9.0 6.0 8.0	3082368.0 101607.0 149911.5 233986.5 23676.0 482114.0 837410.0 612633.0 785704.0 730488.0 1389445.0 1122696.0	0.0 0.0 0.0 61809.0 0.0 0.0 12722.0 0.0 0.0 1103.0	
291 292 293 294 295 296 297 298 299 300 301 302 303	28351795.00 146.25 126.00 54.00 1843019.00 595515.00 561332.00 326690.00 79212.00 59460.00 46658.00 51642.00 4030.00	5404 191 220 234 558 94 95 79 306 273 309 326 220	9604.0 0667.0 8097.5 1102.5 12874.0 5419.0 6865.0 15373.0 19390.0 18425.0 12639.0 12276.0	4389318.0 9294.0 43165.5 0.0 54888.0 57732.0 64589.0 0.0 0.0 34627.0 23313.0 25617.0 0.0	8127 2332 2329 1834 12515 3824 3353 2015 1376 2930	8.0 2.0 8.0 3.5 8.0 0.0 0.0 0.0 8.0 9.0 6.0 8.0	3082368.0 101607.0 149911.5 233986.5 23676.0 482114.0 837410.0 612633.0 785704.0 730488.0 1389445.0 1122696.0 927186.0	0.0 0.0 0.0 61809.0 0.0 0.0 12722.0 0.0 0.0 1103.0 0.0	
291 292 293 294 295 296 297 298 299 300 301 302 303 304	28351795.00 146.25 126.00 54.00 1843019.00 595515.00 561332.00 326690.00 79212.00 59460.00 46658.00 51642.00 4030.00 17601425.00	5404 191 220 234 558 94 95 79 306 273 309 326 220 3031	9604.0 0667.0 8097.5 1102.5 12874.0 5419.0 6865.0 15373.0 19390.0 18425.0 12639.0 12276.0 14337.0 4127.0	4389318.0 9294.0 43165.5 0.0 54888.0 57732.0 64589.0 0.0 34627.0 23313.0 25617.0 0.0 8129060.0	8127: 2332: 2329: 1834: 12515: 3824: 3353: 2015: 1376: 2930: 3708:	8.0 2.0 8.0 3.5 8.0 0.0 0.0 0.0 8.0 9.0 68.0 5.0	3082368.0 101607.0 149911.5 233986.5 23676.0 482114.0 837410.0 612633.0 785704.0 730488.0 1389445.0 1122696.0 927186.0 452919.0	0.0 0.0 0.0 61809.0 0.0 0.0 12722.0 0.0 0.0 1103.0 0.0 103923.0 306219.0	
291 292 293 294 295 296 297 298 299 300 301 302 303 304 305	28351795.00 146.25 126.00 54.00 1843019.00 595515.00 561332.00 326690.00 79212.00 59460.00 46658.00 51642.00 4030.00 17601425.00 15713198.00	5404 191 220 234 558 94 95 79 306 273 309 326 220 3031	9604.0 0667.0 8097.5 1102.5 12874.0 5419.0 6865.0 15373.0 19390.0 18425.0 12639.0 12276.0	4389318.0 9294.0 43165.5 0.0 54888.0 57732.0 64589.0 0.0 0.0 34627.0 23313.0 25617.0 0.0	8127 2332 2329 1834 12515 3824 3353 2015 1376 2930	8.0 2.0 8.0 3.5 8.0 0.0 0.0 0.0 8.0 9.0 68.0 5.0	3082368.0 101607.0 149911.5 233986.5 23676.0 482114.0 837410.0 612633.0 785704.0 730488.0 1389445.0 1122696.0 927186.0	0.0 0.0 0.0 61809.0 0.0 0.0 12722.0 0.0 0.0 1103.0 0.0	
291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306	28351795.00 146.25 126.00 54.00 1843019.00 595515.00 326690.00 79212.00 59460.00 46658.00 51642.00 4030.00 17601425.00 15713198.00 12359582.00	5404 191 220 234 558 94 95 79 306 273 309 326 220 3031 3643 3163	9604.0 0667.0 18097.5 1102.5 12874.0 5419.0 6865.0 19373.0 19390.0 18425.0 12636.0 14127.0 16396.0 163882.0	4389318.0 9294.0 43165.5 0.0 54888.0 57732.0 64589.0 0.0 34627.0 23313.0 25617.0 0.0 8129060.0 6842680.0 9382154.0	8127 2332; 1834; 12515; 3824; 3353; 2015; 1376; 2930; 3708; 1723; 6853;	8.0 2.0 8.0 3.5 8.0 0.0 0.0 0.0 8.0 9.0 6.0 8.0 9.0 6.0 9.0	3082368.0 101607.0 149911.5 233986.5 23676.0 482114.0 612633.0 785704.0 730488.0 1389445.0 1122696.0 927186.0 452919.0 578630.0 879249.0	0.0 0.0 0.0 61809.0 0.0 0.0 12722.0 0.0 1103.0 0.0 103923.0 306219.0 28558.0	
291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307	28351795.00 146.25 126.00 54.00 1843019.00 595515.00 561332.00 326690.00 79212.00 59460.00 46658.00 51642.00 4030.00 17601425.00 15713198.00 12359582.00 252.00	5404 191 220 234 558 94 95 79 306 273 309 326 220 3031 3643 3163	9604.0 0667.0 8097.5 1102.5 12874.0 5419.0 6865.0 9390.0 8425.0 92639.0 94337.0 4127.0 6396.0 93882.0	4389318.0 9294.0 43165.5 0.0 54888.0 57732.0 64589.0 0.0 34627.0 23313.0 25617.0 0.0 8129060.0 6842680.0 9382154.0 0.0	8127 2332 1834 12515 3824 3353 2015 1376 2930 3708 1723 6853	8.0 2.0 8.0 3.5 8.0 0.0 0.0 8.0 9.0 6.0 8.0 9.0 6.0 9.0	3082368.0 101607.0 149911.5 233986.5 23676.0 482114.0 612633.0 785704.0 730488.0 1389445.0 1122696.0 927186.0 452919.0 578630.0 879249.0 95769.0	0.0 0.0 0.0 61809.0 0.0 0.0 12722.0 0.0 1103.0 0.0 103923.0 306219.0 28558.0	
291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308	28351795.00 146.25 126.00 54.00 1843019.00 595515.00 561332.00 326690.00 79212.00 59460.00 46658.00 51642.00 4030.00 17601425.00 15713198.00 12359582.00 252.00 105.75	5404 191 220 234 558 94 95 79 306 273 309 326 220 3031 3643 3163 29	9604.0 0667.0 8097.5 .1102.5 .12874.0 .5419.0 .6865.0 .9390.0 .8425.0 .2276.0 .4127.0 .6396.0 .33882.0 .93787.0	4389318.0 9294.0 43165.5 0.0 54888.0 57732.0 64589.0 0.0 34627.0 23313.0 25617.0 0.0 8129060.0 6842680.0 9382154.0 0.0	8127 2332 2329 1834 12515 3824 3353 2015 1376 2930 3708 1723 6853 57	8.0 2.0 8.0 3.5 8.0 0.0 0.0 8.0 9.0 6.0 8.0 5.0 6.0 9.0	3082368.0 101607.0 149911.5 233986.5 23676.0 482114.0 837410.0 612633.0 785704.0 730488.0 1389445.0 1122696.0 927186.0 452919.0 578630.0 879249.0 95769.0 131086.5	0.0 0.0 0.0 61809.0 0.0 0.0 12722.0 0.0 1103.0 0.0 103923.0 306219.0 28558.0 128791.0	
291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308	28351795.00 146.25 126.00 54.00 1843019.00 595515.00 561332.00 326690.00 79212.00 59460.00 46658.00 51642.00 4030.00 17601425.00 15713198.00 12359582.00 252.00 105.75 0.00	5404 191 220 234 558 94 95 79 306 273 309 326 220 3031 3643 3163 29	9604.0 0667.0 8097.5 .1102.5 !2874.0 55419.0 6865.0 !5373.0 .9390.0 !8425.0 !2639.0 !2276.0 !4127.0 !6396.0 !33882.0 !3787.0 !1512.0	4389318.0 9294.0 43165.5 0.0 54888.0 57732.0 64589.0 0.0 34627.0 23313.0 25617.0 0.0 8129060.0 6842680.0 9382154.0 0.0 0.0	8127 2332 2329 1834 12515 3824 3353 2015 1376 2930 3708 1723 6853 57	8.0 2.0 8.0 8.0 5.5 8.0 0.0 0.0 0.0 8.0 9.0 6.0 9.0 6.0 9.0 6.0 9.0	3082368.0 101607.0 149911.5 233986.5 23676.0 482114.0 837410.0 612633.0 785704.0 730488.0 1389445.0 1122696.0 927186.0 452919.0 578630.0 879249.0 95769.0 131086.5 1584.0	0.0 0.0 0.0 61809.0 0.0 0.0 12722.0 0.0 1103.0 0.0 103923.0 28558.0 128791.0 0.0	
291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310	28351795.00 146.25 126.00 54.00 1843019.00 595515.00 561332.00 326690.00 79212.00 59460.00 46658.00 51642.00 4030.00 17601425.00 15713198.00 12359582.00 252.00 105.75 0.00 436.50	5404 191 220 234 558 94 95 79 306 273 309 326 220 3031 3643 3163 29	9604.0 0667.0 8097.5 .1102.5 .12874.0 .5419.0 .6865.0 .9373.0 .9390.0 .8425.0 .2276.0 .4127.0 .63396.0 .33787.0 .1512.0 .31512.0 .31512.0 .31512.0	4389318.0 9294.0 43165.5 0.0 54888.0 57732.0 64589.0 0.0 34627.0 23313.0 25617.0 0.0 8129060.0 6842680.0 9382154.0 0.0 0.0 0.0 97882.5	8127 2332 2329 1834 12515 3824 3353 2015 1376 2930 3708 1723 6853 57	8.0 2.0 8.0 8.0 8.0 9.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	3082368.0 101607.0 149911.5 233986.5 23676.0 482114.0 837410.0 612633.0 785704.0 730488.0 1389445.0 1122696.0 927186.0 452919.0 578630.0 879249.0 95769.0 131086.5 1584.0 354766.5	0.0 0.0 0.0 61809.0 0.0 0.0 12722.0 0.0 1103.0 0.0 103923.0 306219.0 28558.0 0.0 0.0	
291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311	28351795.00 146.25 126.00 54.00 1843019.00 595515.00 561332.00 326690.00 79212.00 59460.00 46658.00 51642.00 4030.00 17601425.00 15713198.00 12359582.00 252.00 105.75 0.00 436.50 324.00	5404 191 220 234 558 94 95 79 306 273 309 326 220 3031 3643 3163 29 36 21 93 245	9604.0 0667.0 8097.5 1102.5 12874.0 5419.0 6865.0 19373.0 19390.0 18425.0 12639.0 12276.0 14337.0 14127.0 16396.0 13882.0 13787.0 151512.0 13814.0 11956.5 16004.0	4389318.0 9294.0 43165.5 0.0 54888.0 57732.0 64589.0 0.0 34627.0 23313.0 25617.0 0.0 8129060.0 6842680.0 9382154.0 0.0 0.0 97882.5 166339.5	8127: 2332: 2329: 1834: 12515: 3824: 3353: 2015: 1376: 2930: 3708: 1723: 6853: 57:	8.0 2.0 8.0 38.0 0.0 0.0 0.0 8.0 9.0 68.0 9.0 68.0 9.0 0.0 9.0 68.0 9.0 68.0	3082368.0 101607.0 149911.5 233986.5 23676.0 482114.0 837410.0 612633.0 785704.0 730488.0 1389445.0 1122696.0 927186.0 452919.0 578630.0 879249.0 95769.0 131086.5 1584.0 354766.5 420103.5	0.0 0.0 0.0 61809.0 0.0 0.0 12722.0 0.0 1103.0 0.0 103923.0 306219.0 28558.0 128791.0 0.0	
291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311	28351795.00 146.25 126.00 54.00 1843019.00 595515.00 561332.00 326690.00 79212.00 59460.00 46658.00 51642.00 4030.00 17601425.00 15713198.00 12359582.00 252.00 105.75 0.00 436.50 324.00 649981064.00	5404 191 220 234 558 94 95 79 306 273 309 329 3031 3643 3163 29 36 273945	9604.0 0667.0 18097.5 1102.5 12874.0 15419.0 16865.0 15373.0 19390.0 18425.0 122376.0 14337.0 14127.0 16396.0 13882.0 13787.0 153814.0 153814.0 161956.5 16004.0 18989.0	4389318.0 9294.0 43165.5 0.0 54888.0 57732.0 64589.0 0.0 34627.0 23313.0 25617.0 0.0 8129060.0 6842680.0 9382154.0 0.0 0.0 97882.5 166339.5 251319080.0	81273 23322 18343 12515 38244 3353 20156 13766 2930 3708 1723 6853 57	8.0 2.0 8.0 3.5 3.0 0.0 0.0 0.0 8.0 9.0 6.0 9.0 6.0 9.0 0.0 9.0 6.0 9.0	3082368.0 101607.0 149911.5 233986.5 23676.0 482114.0 612633.0 785704.0 730488.0 1389445.0 1122696.0 927186.0 452919.0 578630.0 879249.0 95769.0 131086.5 1584.0 354766.5 420103.5	0.0 0.0 0.0 0.0 0.0 0.0 12722.0 0.0 1103.0 0.0 13923.0 306219.0 28558.0 128791.0 0.0 0.0	
291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 310 311 312 313	28351795.00 146.25 126.00 54.00 1843019.00 595515.00 561332.00 326690.00 79212.00 59460.00 46658.00 51642.00 4030.00 17601425.00 12359582.00 252.00 105.75 0.00 436.50 324.00 649981064.00 655378149.00	5404 191 220 234 558 94 95 79 306 273 309 320 3031 3643 3163 29 36 21 193 245 73945	9604.0 0667.0 18097.5 1102.5 12874.0 55419.0 6865.0 19373.0 19390.0 18425.0 12639.0 12639.0 14337.0 4127.0 16396.0 13882.0 13787.0 15112.0 13814.0 11956.5 16004.0 18989.0	4389318.0 9294.0 43165.5 0.0 54888.0 57732.0 64589.0 0.0 34627.0 23313.0 25617.0 0.0 8129060.0 6842680.0 9382154.0 0.0 0.0 97882.5 166339.5 251319080.0 225149364.0	81273 23322 18343 125153 38244 33533 20156 13766 29300 3708 17236 6853 577 19277 5208 204328 171560	8.0 2.0 8.0 3.5 8.0 0.0 0.0 8.0 9.0 6.0 9.0 6.0 9.0 0.0 9.0 6.0 9.0 6.0 9.0 6.0 9.0 6.0 9.0 6.0 9.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6	3082368.0 101607.0 149911.5 233986.5 23676.0 482114.0 612633.0 785704.0 730488.0 1389445.0 1122696.0 927186.0 452919.0 578630.0 879249.0 95769.0 131086.5 1584.0 354766.5 420103.5 12439032.0 11409072.0	0.0 0.0 0.0 61809.0 0.0 0.0 12722.0 0.0 1103.0 0.0 103923.0 306219.0 28558.0 128791.0 0.0 0.0 0.0	
291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 310 311 312 313	28351795.00 146.25 126.00 54.00 1843019.00 595515.00 561332.00 326690.00 79212.00 59460.00 46658.00 51642.00 4030.00 17601425.00 15713198.00 12359582.00 252.00 105.75 0.00 436.50 324.00 649981064.00 655378149.00 642733668.00	5404 191 220 234 558 94 95 79 306 273 309 326 220 3031 3643 3163 29 73945 73512 80536	9604.0 0667.0 18097.5 1102.5 12874.0 15419.0 16865.0 19373.0 19390.0 18425.0 19267.0 144337.0 14127.0 16396.0 13882.0 13787.0 151512.0 151512.0 151512.0 151512.0 151956.5 16004.0 18989.0 122393.0 152824.0	4389318.0 9294.0 43165.5 0.0 54888.0 57732.0 64589.0 0.0 34627.0 23313.0 25617.0 0.0 8129060.0 6842680.0 9382154.0 0.0 0.0 97882.5 166339.5 251319080.0 225149364.0 72695525.0	81273 23323 18343 125153 38244 33533 20156 13766 29309 3708 1723 68533 577 19277 5208 204328 171560 85358	8.0 2.0 8.0 3.5 8.0 0.0 0.0 8.0 0.0 8.0 9.0 6.0 9.0 0.0 9.0 0.0 9.0 0.0 9.0 0.0 9.0 0.0 9.0 0.0 0	3082368.0 101607.0 149911.5 233986.5 233676.0 482114.0 837410.0 612633.0 785704.0 730488.0 1389445.0 1122696.0 927186.0 452919.0 578630.0 879249.0 95769.0 131086.5 1584.0 354766.5 420103.5 52439032.0 61409072.0 88999903.0	0.0 0.0 0.0 61809.0 0.0 0.0 12722.0 0.0 1103.0 0.0 103923.0 306219.0 28558.0 128791.0 0.0 0.0 0.0 0.0	
291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 311 312 313 314 315	28351795.00 146.25 126.00 54.00 1843019.00 595515.00 561332.00 326690.00 79212.00 59460.00 46658.00 51642.00 4030.00 17501425.00 12359582.00 252.00 105.75 0.00 436.50 324.00 649981064.00 645733668.00 1736114.00	5404 191 220 234 558 94 95 79 306 273 309 326 220 3031 3643 3163 29 245 73951 280536 466	9604.0 0667.0 8097.5 1102.5 12874.0 5419.0 6865.0 9390.0 8425.0 12639.0 12639.0 12639.0 12639.0 12639.0 1273.0	4389318.0 9294.0 43165.5 0.0 54888.0 57732.0 64589.0 0.0 34627.0 23313.0 25617.0 0.0 8129060.0 6842680.0 9382154.0 0.0 0.0 97882.5 166339.5 251319080.0 225149364.0 72695525.0 384600.0	81273 23323 18343 125153 38244 33533 2015 13766 29309 3708 1723 68533 57 19277 5208 204328 171560 85358 10735	8.0 2.0 8.0 3.5 8.0 0.0 0.0 0.0 8.0 9.0 6.0 8.0 9.0 6.0 9.0 6.0 9.0 6.0 9.0 6.0 9.0 6.0 9.0 6.0 9.0 6.0 9.0 6.0 9.0 6.0 9.0 6.0 9.0 6.0 9.0 6.0 9.0 6.0 9.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6	3082368.0 101607.0 149911.5 233986.5 23676.0 482114.0 837410.0 612633.0 785704.0 730488.0 1389445.0 122696.0 927186.0 452919.0 578630.0 879249.0 95769.0 131086.5 1584.0 354766.5 420103.5 420103.5 420103.5 91409072.0 88999903.0 3642.0	0.0 0.0 0.0 61809.0 0.0 0.0 12722.0 0.0 1103.0 0.0 13923.0 28558.0 128791.0 0.0 0.0 0.0 73411.0 0.1 15439619.0	
291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 311 312 313 314 315 316	28351795.00 146.25 126.00 54.00 1843019.00 595515.00 561332.00 326690.00 79212.00 59460.00 46658.00 51642.00 4030.00 17601425.00 12359582.00 252.00 105.75 0.00 436.50 324.00 649981064.00 655378149.00 642733668.00 1736114.00 5127.75	5404 191 220 234 558 94 95 79 306 273 3031 3643 29 36 21 73945 73945 73945 73945 73945 73945 73945 73945 73945 73945 73945 73945 73945 73945 7494 7494 7494 7494 7494 7494 7494 7	9604.0 0667.0 8097.5 1102.5 12874.0 5419.0 6865.0 9390.0 8425.0 9390.0 8425.0 9390.0 8425.0 9390.0 8425.0 9390.0 13882.0 13787.0 14337.0 14337.0 14337.0 14337.0 14337.0 1512.0 13882.0 13787.0 1512.0 13882.0 151512.0 151512.0 151512.0 151512.0 152393.0 152393.0 152393.0 152393.0 152824.0 150096.0 154291.5	4389318.0 9294.0 43165.5 0.0 54888.0 57732.0 64589.0 0.0 34627.0 23313.0 25617.0 0.0 8129060.0 6842680.0 9382154.0 0.0 0.0 97882.5 166339.5 251319080.0 225149364.0 72695525.0 384600.0 67324.5	81273 23323 18343 125153 38244 33533 2015 13766 29308 1723 6853 57 1927 5208 204326 171560 85358 10735	8.0 2.0 8.0 3.5 8.0 0.0 0.0 8.0 9.0 6.0 8.0 9.0 6.0 9.0 0.0 6.0 9.0 6.0 9.0 6.0 9.0 6.0 9.0 6.0 9.0 6.0 9.0 6.0 9.0 6.0 9.0 6.0 9.0 6.0 9.0 6.0 9.0 6.0 9.0 6.0 9.0 6.0 9.0 6.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9	3082368.0 101607.0 149911.5 233986.5 23676.0 482114.0 837410.0 612633.0 785704.0 730488.0 1389445.0 1122696.0 927186.0 452919.0 578630.0 879249.0 95769.0 131086.5 1584.0 354766.5 420103.5 420103.5 420103.5 420103.5 420103.0 8799903.0 3642.0 116907.0	0.0 0.0 0.0 0.0 0.0 0.0 12722.0 0.0 1103.0 0.0 103923.0 306219.0 28558.0 0.0 0.0 0.0 0.0 0.0 128791.0 0.0 0.0 0.0	
291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 310 311 312 313 314 315 316 317	28351795.00 146.25 126.00 54.00 1843019.00 595515.00 561332.00 326690.00 79212.00 59460.00 46658.00 51642.00 4030.00 17601425.00 12359582.00 252.00 105.75 0.00 436.50 324.00 649981064.00 655378149.00 642733668.00 1736114.00 5127.75 5415.75	5404 191 220 234 558 94 95 79 306 273 309 326 220 3031 3643 245 7395 7395 7395 7395 7395 7395 73	9604.0 0667.0 8097.5 1102.5 12874.0 5419.0 6865.0 9390.0 8425.0 9390.0 8425.0 9390.0 8425.0 93787.0 4127.0 6396.0 93787.0 93787.0 93787.0 93787.0 93882.0 93787.0 93882.0 93787.0 93882.0 93787.0 93882.0 93787.0 93882.0 93787.0 93882.0 93787.0 93882.0 93787.0 93882.0 93787.0 93882.0 93787.0 93882.0 93787.0 93882.0 93787.0 93882.0 93787.0 93882.0 93787.0 93882.0 93787.0 93882.0	4389318.0 9294.0 43165.5 0.0 54888.0 57732.0 64589.0 0.0 34627.0 23313.0 25617.0 0.0 8129060.0 6842680.0 9382154.0 0.0 0.0 97882.5 166339.5 251319080.0 225149364.0 72695552.0 384600.0 67324.5 117061.5	81273 23323 18343 125153 38244 33533 2015- 13766 29300 17233 68537 577 1927- 5208 204328 171560 85358 10735 1031	8.0 2.0 8.0 3.5 8.0 0.0 0.0 0.0 8.0 9.0 6.0 8.0 9.0 0.0 0.0 8.0 9.0 0.0 0.0 0.0 0.0 0.0 0.0 0	3082368.0 101607.0 149911.5 233986.5 23676.0 482114.0 837410.0 612633.0 785704.0 730488.0 1389445.0 1122696.0 927186.0 452919.0 578630.0 879249.0 95769.0 131086.5 1584.0 354766.5 420103.5 2439032.0 11409072.0 18999903.0 3642.0 116907.0 87445.5	0.0 0.0 0.0 61809.0 0.0 0.0 12722.0 0.0 1103.0 0.0 13923.0 306219.0 28558.0 128791.0 0.0 0.0 73411.0 15439619.0 14446.0	
291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 311 312 313 314 315 316	28351795.00 146.25 126.00 54.00 1843019.00 595515.00 561332.00 326690.00 79212.00 59460.00 46658.00 51642.00 4030.00 17601425.00 12359582.00 252.00 105.75 0.00 436.50 324.00 649981064.00 655378149.00 642733668.00 1736114.00 5127.75	5404 191 220 234 558 94 95 79 306 273 309 326 220 3031 3643 3163 29 73945 73945 73512 80536 466 346 345 438	9604.0 0667.0 8097.5 1102.5 12874.0 5419.0 6865.0 9390.0 8425.0 9390.0 8425.0 9390.0 8425.0 9390.0 8425.0 9390.0 13882.0 13787.0 14337.0 14337.0 14337.0 14337.0 14337.0 1512.0 13882.0 13787.0 1512.0 13882.0 151512.0 151512.0 151512.0 151512.0 152393.0 152393.0 152393.0 152393.0 152824.0 150096.0 154291.5	4389318.0 9294.0 43165.5 0.0 54888.0 57732.0 64589.0 0.0 34627.0 23313.0 25617.0 0.0 8129060.0 6842680.0 9382154.0 0.0 0.0 97882.5 166339.5 251319080.0 225149364.0 72695525.0 384600.0 67324.5	81273 23323 18343 125153 38244 33533 2015 13766 29308 1723 6853 57 1927 5208 204326 171560 85358 10735	8.0 2.0 8.0 8.0 8.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9	3082368.0 101607.0 149911.5 233986.5 23676.0 482114.0 837410.0 612633.0 785704.0 730488.0 1389445.0 1122696.0 927186.0 452919.0 578630.0 879249.0 95769.0 131086.5 1584.0 354766.5 420103.5 420103.5 420103.5 420103.5 420103.0 8799903.0 3642.0 116907.0	0.0 0.0 0.0 0.0 0.0 0.0 12722.0 0.0 1103.0 0.0 103923.0 306219.0 28558.0 0.0 0.0 0.0 0.0 0.0 128791.0 0.0 0.0 0.0	

OBS	STATION	YEAR	MOVIES	SERIES	SPORTS	DEVO	LOCAL	OTHER	TOTAL
320	WTRF	88	166.5	2265.0	96.0	672.0	1366.5	1.5	4567.5
321	WTRF	89	42.0	2331.0	67.5	475.5	1318.5	0.0	4234.5
322	WTTG	88	2356.0	9738.0	146.0	336.0	857.0	3.0	13436.0
323	WTTG	89	1885.0	9528.0	69.0	260.0	1698.0	0.0	13440.0
324	WTTG	90	1760.0	8902.0	54.0	228.0	2200.0	40.0	13184.0
325	WTTV	88	2462.4	6350.4	385.2	616.8	925.2	4.8	10744.8
326	WTTV	89	3031.2	7908.0	342.0	955.2	1168.8	0.0	13405.2
327	WTTV	90	2870.4	8160.0	62.4	607.2	788.4	192.0	12680.4
328	WTTW	89	0.0	0.0	0.0	0.0	0.0	13418.0	13418.0
329	WTVS	89	0.0	0.0	0.0	0.0	0.0	13409.0	13409.0
330	WTXF	88	2092.0	9781.0	353.0	446.0	511.0	7.0	13190.0
331	WTXF	89	1670.0	10250.0	320.0	518.0	435.0	11.0	13204.0
332	WTXF	90	992.0	10503.0	357.0	646.0	584.0	12.0	13095.0
333	WTXX	89	3522.0	8985.6	156.0	184.8	432.0	30.0	13310.4
334	WUAB	88	2833.0	8554.0	298.0	658.0	702.0	34.0	13079.0
335	WUAB	89	2971.0	8410.0	264.0	540.0	947.0	24.0	13156.0
336	WUAB	90	3330.0	8314.0	204.0	430.0	770.0	0.0	13048.0
337	WVIA	89	0.0	0.0	0.0	0.0	0.0	8803.0	8803.0
338	WVIT	88	57.6	2822.4	184.8	182.4	1237.2 1131.6	0.0	4484.4
339	WVIT	89	9.6	2882.4	165.6	182.4 266.4		0.0 0.0	4371.6 4599.6
340	WVIT	90	38.4	3092.4	214.8		987.6 952.0	0.0	3412.0
341 342	WVTM	90 88	226.0 4662.0	2218.0 7493.0	16.0 451.0	0.0 240.0	159.0	4.0	13009.0
342 343	WVTV WVTV	90	3864.0	8750.0	0.0	4.0	662.0	164.0	13444.0
344	WWLP	90 88	144.0	2349.0	160.5	144.0	1561.5	3.0	4362.0
345	WWLP	89	192.0	2422.5	0.0	141.0	1522.5	0.0	4278.0
346	WWLP	90	192.0	2397.0	0.0	147.0	1578.0	60.0	4374.0
347	WWOR	88	680.0	10324.0	613.0	0.0	1819.0	3.0	13439.0
348	WWOR	89	640.0	9693.0	516.0	32.0	2551.0	8.0	13440.0
OBS	VMOVIES	VSI	ERIES	VSPORTS	VDEVO	V	LOCAL	VOTHER	
OBS 320	VMOVIES 249.75		ERIES 832.5	VSPORTS 28816.5	VDEVO 65880.0		LOCAL 915.0	VOTHER 0.0	
320 321		11138		28816.5 33423.0	65880.0 26839.5	93 ⁹ 167	915.0 884.5	0.0	
320 321 322	249.75	11138	832.5 433.0	28816.5	65880.0	931 1673 1692	915.0 884.5 065.0	0.0 0.0 195.0	
320 321 322 323	249.75 63.00 5320732.00 3986372.00	11138 8244 17477 22180	832.5 433.0 417.0 961.0	28816.5 33423.0 320327.0 245665.0	65880.0 26839.5 60714.0 67202.0	93° 167° 1692° 1936°	915.0 884.5 065.0 363.0	0.0 0.0 195.0 0.0	
320 321 322 323 324	249.75 63.00 5320732.00 3986372.00 1308769.00	11138 8244 174774 221809 7498	832.5 433.0 417.0 961.0 665.0	28816.5 33423.0 320327.0 245665.0 54387.0	65880.0 26839.5 60714.0 67202.0 28084.0	93 167 1692 1936 723	915.0 884.5 065.0 363.0 999.0	0.0 0.0 195.0 0.0 14864.0	
320 321 322 323 324 325	249.75 63.00 5320732.00 3986372.00 1308769.00 2954.88	11138 8244 17477 22180 7498 4311	832.5 433.0 417.0 961.0 665.0 216.0	28816.5 33423.0 320327.0 245665.0 54387.0 724875.6	65880.0 26839.5 60714.0 67202.0 28084.0 99328.8	93' 167 1692 1936 723' 187	915.0 884.5 065.0 363.0 999.0 252.8	0.0 0.0 195.0 0.0 14864.0 0.0	
320 321 322 323 324 325 326	249.75 63.00 5320732.00 3986372.00 1308769.00 2954.88 3637.44	11138 8244 174774 221809 74986 43111 34799	832.5 433.0 417.0 961.0 665.0 216.0	28816.5 33423.0 320327.0 245665.0 54387.0 724875.6 575166.0	65880.0 26839.5 60714.0 67202.0 28084.0 99328.8 35263.2	93 167 1692 1936 723 187 179	915.0 884.5 065.0 363.0 999.0 252.8 870.4	0.0 0.0 195.0 0.0 14864.0 0.0	
320 321 322 323 324 325 326 327	249.75 63.00 5320732.00 3986372.00 1308769.00 2954.88 3637.44 3444.48	11138 8244 174774 221809 74986 43111 34799	832.5 433.0 417.0 961.0 665.0 216.0 094.0 391.6	28816.5 33423.0 320327.0 245665.0 54387.0 724875.6 575166.0 25196.4	65880.0 26839.5 60714.0 67202.0 28084.0 99328.8 35263.2 31152.0	93 167 1692 1936 723 187 179	915.0 884.5 065.0 363.0 999.0 252.8 870.4 558.4	0.0 0.0 195.0 0.0 14864.0 0.0 0.0 270410.4	
320 321 322 323 324 325 326 327 328	249.75 63.00 5320732.00 3986372.00 1308769.00 2954.88 3637.44 3444.48 0.00	11138 8244 174774 221809 74986 43111 34799	832.5 433.0 417.0 961.0 665.0 216.0 094.0 391.6 0.0	28816.5 33423.0 320327.0 245665.0 54387.0 724875.6 575166.0 25196.4 0.0	65880.0 26839.5 60714.0 67202.0 28084.0 99328.8 35263.2 31152.0 0.0	93 167 1692 1936 723 187 179	915.0 884.5 065.0 363.0 999.0 252.8 870.4 558.4 0.0	0.0 0.0 195.0 0.0 14864.0 0.0 0.0 270410.4 11393666.0	
320 321 322 323 324 325 326 327 328 329	249.75 63.00 5320732.00 3986372.00 1308769.00 2954.88 3637.44 3444.48 0.00 0.00	11136 824 17477 22180 7498 4311 3479 2156	832.5 433.0 417.0 961.0 665.0 216.0 094.0 391.6 0.0	28816.5 33423.0 320327.0 245665.0 54387.0 724875.6 575166.0 25196.4 0.0	65880.0 26839.5 60714.0 67202.0 28084.0 99328.8 35263.2 31152.0 0.0	93' 167' 1692 1936' 723' 187' 179	915.0 884.5 065.0 363.0 999.0 252.8 870.4 558.4 0.0	0.0 0.0 195.0 0.0 14864.0 0.0 0.0 270410.4 11393666.0 1453831.0	
320 321 322 323 324 325 326 327 328 329 330	249.75 63.00 5320732.00 3986372.00 1308769.00 2954.88 3637.44 3444.48 0.00 0.00 7477759.00	11138 8244 17477: 221800 7498 4311: 3479: 2156:	832.5 433.0 417.0 961.0 665.0 216.0 094.0 391.6 0.0 0.0 454.0	28816.5 33423.0 320327.0 245665.0 54387.0 724875.6 575166.0 25196.4 0.0 0.0 2431482.0	65880.0 26839.5 60714.0 67202.0 28084.0 99328.8 35263.2 31152.0 0.0 96768.0	93' 167' 1692 1936 723' 187' 179 161	915.0 884.5 065.0 363.0 999.0 252.8 870.4 558.4 0.0 0.0	0.0 0.0 195.0 0.0 14864.0 0.0 0.0 270410.4 11393666.0 1453831.0 16190.0	
320 321 322 323 324 325 326 327 328 329 330 331	249.75 63.00 5320732.00 3986372.00 1308769.00 2954.88 3637.44 3444.48 0.00 0.00 7477759.00 4050456.00	11138 8244 17477: 221806 74986 4311: 34791 2156: 31853: 29714	832.5 433.0 417.0 961.0 665.0 216.0 094.0 391.6 0.0 0.0 454.0 318.0	28816.5 33423.0 320327.0 245665.0 54387.0 724875.6 575166.0 25196.4 0.0 0.0 2431482.0 2011067.0	65880.0 26839.5 60714.0 67202.0 28084.0 99328.8 35263.2 31152.0 0.0 0.0 96768.0 72809.0	93' 167' 1692' 1936' 723' 187' 179' 161	915.0 884.5 065.0 363.0 999.0 252.8 870.4 558.4 0.0 0.0 112.0 747.0	0.0 0.0 195.0 0.0 14864.0 0.0 270410.4 11393666.0 1453831.0 16190.0 37098.0	
320 321 322 323 324 325 326 327 328 329 330 331 332	249.75 63.00 5320732.00 3986372.00 1308769.00 2954.88 3637.44 3444.48 0.00 0.00 7477759.00 4050456.00 1949375.00	11138 8244 17477: 221809 7498: 4311: 3479: 2156: 31853: 29714: 19235	832.5 433.0 417.0 961.0 665.0 216.0 094.0 391.6 0.0 0.0 454.0 318.0 769.0	28816.5 33423.0 320327.0 245665.0 54387.0 724875.6 575166.0 25196.4 0.0 2431482.0 2011067.0 1444580.0	65880.0 26839.5 60714.0 67202.0 28084.0 99328.8 35263.2 31152.0 0.0 96768.0 72809.0 58340.0	93' 167' 1692 1936 723' 187' 179 161 628 713 673	915.0 884.5 065.0 363.0 999.0 252.8 870.4 558.4 0.0 0.0 112.0 747.0	0.0 0.0 195.0 0.0 14864.0 0.0 270410.4 11393666.0 1453831.0 16190.0 37098.0	
320 321 322 323 324 325 326 327 328 329 330 331 332	249.75 63.00 5320732.00 3986372.00 1308769.00 2954.88 3637.44 3444.48 0.00 0.00 7477759.00 4050456.00 1949375.00 4226.40	11138 8244 17477: 221800 7498: 4311: 3479: 2156: 31853: 29714: 19235: 6778	832.5 433.0 417.0 961.0 665.0 216.0 094.0 391.6 0.0 0.0 454.0 318.0 769.0 411.2	28816.5 33423.0 320327.0 245665.0 54387.0 724875.6 575166.0 25196.4 0.0 2431482.0 2011067.0 1444580.0 75181.2	65880.0 26839.5 60714.0 67202.0 28084.0 99328.8 35263.2 31152.0 0.0 0.0 96768.0 72809.0 58340.0 44584.8	93' 167' 1692' 1936' 723' 187' 179 161 628 713 673	915.0 884.5 065.0 363.0 999.0 252.8 870.4 558.4 0.0 0.0 112.0 747.0 131.0 530.4	0.0 0.0 195.0 0.0 14864.0 0.0 270410.4 11393666.0 1453831.0 16190.0 37098.0 0.0 59997.6	
320 321 322 323 324 325 326 327 328 329 330 331 332	249.75 63.00 5320732.00 3986372.00 1308769.00 2954.88 3637.44 3444.48 0.00 0.00 7477759.00 4050456.00 1949375.00 4226.40 6627092.00	11138 8244 17477 22180 7498 4311: 3479 2156: 31853 29714 19235 6778 21869	832.5 433.0 417.0 961.0 665.0 216.0 094.0 391.6 0.0 454.0 769.0 411.2 698.0	28816.5 33423.0 320327.0 24566.0 54387.0 724875.6 575166.0 25196.4 0.0 0.0 2431482.0 2011067.0 1444580.0 75181.2 1425938.0	65880.0 26839.5 60714.0 67202.0 28084.0 99328.8 35263.2 31152.0 0.0 96768.0 72809.0 58340.0 44584.8 372441.0	93' 167' 1692' 1936' 723' 187' 179 161 628 713 673 18	915.0 884.5 065.0 363.0 999.0 252.8 870.4 558.4 0.0 0.0 112.0 747.0 131.0 530.4 725.0	0.0 0.0 195.0 0.0 14864.0 0.0 270410.4 11393666.0 1453831.0 16190.0 37098.0 0.0 59997.6 60335.0	
320 321 322 323 324 325 326 327 328 329 330 331 331 332 333 334	249.75 63.00 5320732.00 3986372.00 1308769.00 2954.88 3637.44 3444.48 0.00 0.00 7477759.00 4050456.00 1949375.00 4226.40 6627092.00 6477440.00	11138 8244 174774 221809 74986 4311: 34799 2156: 31853: 29714 19235 6778 21869 19594	832.5 433.0 417.0 961.0 665.0 216.0 094.0 391.6 0.0 0.0 454.0 318.0 769.0 411.2 698.0 707.0	28816.5 33423.0 320327.0 245665.0 54387.0 724875.6 575166.0 25196.4 0.0 2431482.0 2011067.0 1444580.0 75181.2 1425938.0 1596032.0	65880.0 26839.5 60714.0 67202.0 28084.0 99328.8 35263.2 31152.0 0.0 96768.0 72809.0 58340.0 44584.8 372441.0	93' 167' 1936' 723' 187 179 161 628 713 673 18 595	915.0 884.5 065.0 363.0 999.0 252.8 870.4 558.4 0.0 0.0 112.0 747.0 131.0 530.4 725.0 984.0	0.0 0.0 195.0 0.0 14864.0 0.0 270410.4 11393666.0 1453831.0 16190.0 37098.0 0.0 59997.6 60335.0 72742.0	
320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336	249.75 63.00 5320732.00 3986372.00 1308769.00 2954.88 3637.44 3444.48 0.00 0.00 7477759.00 4050456.00 1949375.00 4226.40 6627092.00 6477440.00 7268896.00	11138 8244 174774 221809 74986 4311: 34799 2156: 31853: 29714 19235 6778 21869 19594	832.5 433.0 417.0 961.0 665.0 216.0 094.0 391.6 0.0 0.0 454.0 318.0 769.0 411.2 698.0 707.0	28816.5 33423.0 320327.0 245665.0 54387.0 724875.6 575166.0 25196.4 0.0 2431482.0 2011067.0 1444580.0 75181.2 1425938.0 1596032.0 1444893.0	65880.0 26839.5 60714.0 67202.0 28084.0 99328.8 35263.2 31152.0 0.0 96768.0 72809.0 58340.0 44584.8 372441.0 189366.0 290353.0	93' 167' 1936' 723' 187 179 161 628 713 673 18 595	915.0 884.5 065.0 363.0 999.0 252.8 870.4 558.4 0.0 0.0 112.0 747.0 131.0 530.4 725.0 984.0 385.0	0.0 0.0 195.0 0.0 14864.0 0.0 270410.4 11393666.0 1453831.0 16190.0 37098.0 0.0 59997.6 60335.0 72742.0 0.0	
320 321 322 323 324 325 326 327 328 329 330 331 331 332 333 334	249.75 63.00 5320732.00 3986372.00 1308769.00 2954.88 3637.44 3444.48 0.00 0.00 7477759.00 4050456.00 1949375.00 4226.40 6627092.00 6477440.00	11138 8244 17477 221800 7498 4311: 3479; 2156: 31853 29714 19235 6778 21869 19594	832.5 433.0 417.0 961.0 665.0 216.0 094.0 391.6 0.0 0.0 454.0 318.0 769.0 411.2 698.0 707.0	28816.5 33423.0 320327.0 245665.0 54387.0 724875.6 575166.0 25196.4 0.0 2431482.0 2011067.0 1444580.0 75181.2 1425938.0 1596032.0	65880.0 26839.5 60714.0 67202.0 28084.0 99328.8 35263.2 31152.0 0.0 96768.0 72809.0 58340.0 44584.8 372441.0	93' 167' 1692' 1936' 723' 187' 161' 628 713 673 18 595 892	915.0 884.5 065.0 363.0 999.0 252.8 870.4 558.4 0.0 0.0 112.0 747.0 131.0 530.4 725.0 984.0	0.0 0.0 195.0 0.0 14864.0 0.0 270410.4 11393666.0 1453831.0 16190.0 37098.0 0.0 59997.6 60335.0 72742.0	
320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337	249.75 63.00 5320732.00 3986372.00 1308769.00 2954.88 3637.44 3444.48 0.00 0.00 7477759.00 4050456.00 1949375.00 4226.40 6627092.00 6477440.00 7268896.00 0.00	11138 8244 17477. 221800 7498 4311: 3479; 2156: 31853; 29714 19235 6778 21869 19594 19418	832.5 433.0 417.0 961.0 665.0 216.0 094.0 391.6 0.0 0.0 454.0 318.0 769.0 411.2 698.0 707.0 416.0	28816.5 33423.0 320327.0 245665.0 54387.0 724875.6 575166.0 25196.4 0.0 2431482.0 2011067.0 1444580.0 75181.2 1425938.0 1596032.0 1444893.0 0.0	65880.0 26839.5 60714.0 67202.0 28084.0 99328.8 35263.2 31152.0 0.0 96768.0 72809.0 58340.0 44584.8 372441.0 189366.0 290353.0	93' 167' 1692' 1936' 723' 187' 179' 161' 628 713 673 18 595 892 1144	915.0 884.5 065.0 363.0 999.0 252.8 870.4 558.4 0.0 0.0 112.0 747.0 131.0 530.4 725.0 984.0 385.0	0.0 0.0 195.0 0.0 14864.0 0.0 270410.4 11393666.0 1453831.0 16190.0 37098.0 0.0 59997.6 60335.0 72742.0 0.0 2442293.0	
320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338	249.75 63.00 5320732.00 3986372.00 1308769.00 2954.88 3637.44 3444.48 0.00 0.00 7477759.00 4050456.00 1949375.00 4226.40 6627092.00 6477440.00 7268896.00 0.00 69.12	11138 8244 17477. 221800 7498 4311: 3479; 2156: 31853; 29714 19235 6778 21869 19594 19418	832.5 433.0 417.0 961.0 665.0 216.0 094.0 391.6 0.0 0.0 454.0 318.0 769.0 411.2 698.0 707.0 416.0 0.0 864.4	28816.5 33423.0 320327.0 245665.0 54387.0 724875.6 575166.0 25196.4 0.0 0.0 2431482.0 2011067.0 1444580.0 75181.2 1425938.0 1596032.0 1444893.0 0.0 113806.8	65880.0 26839.5 60714.0 67202.0 28084.0 99328.8 35263.2 31152.0 0.0 96768.0 72809.0 72809.0 44584.8 372441.0 189366.0 290353.0 0.0 25636.8 18715.2 92095.2	93' 167' 1692' 1936' 723' 187' 161 628 713 673 18 595 892 1144	915.0 884.5 065.0 363.0 999.0 252.8 870.4 558.4 0.0 0.0 112.0 747.0 131.0 530.4 725.0 984.0 385.0 0.0 217.6	0.0 0.0 195.0 0.0 14864.0 0.0 270410.4 11393666.0 1453831.0 16190.0 37098.0 0.0 59997.6 60335.0 72742.0 0.0 2442293.0	
320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341	249.75 63.00 5320732.00 3986372.00 1308769.00 2954.88 3637.44 3444.48 0.00 0.00 7477759.00 4050456.00 1949375.00 4226.40 6627092.00 6477440.00 7268896.00 0.00 69.12 11.52	11133 8244 174774 221806 74986 4311: 34799 21565 31853; 29714 19235 6778 21869 19594 19418 1223 1870 2319 246	832.5 433.0 417.0 961.0 0665.0 216.0 094.0 391.6 0.0 454.0 318.0 769.0 411.2 698.0 707.0 416.0 0.0 864.4 953.6	28816.5 33423.0 320327.0 245665.0 54387.0 724875.6 575166.0 25196.4 0.0 2431482.0 2011067.0 1444580.0 75181.2 1425938.0 1596032.0 1444893.0 0.0 113806.8 319957.2 202616.4 0.0	65880.0 26839.5 60714.0 67202.0 28084.0 99328.8 35263.2 31152.0 0.0 96768.0 72809.0 58340.0 44584.8 372441.0 189366.0 290353.0 0.0 25636.0 25636.0 29095.2	93' 167' 1936' 723' 187' 179' 161' 628 713' 673 18 595 892 1144 338 521 447 219	915.0 884.5 065.0 363.0 999.0 252.8 870.4 558.4 0.0 0.0 112.0 747.0 131.0 530.4 725.0 984.0 385.0 0.0 217.6 686.8 835.2 000.0	0.0 0.0 195.0 0.0 14864.0 0.0 270410.4 11393666.0 1453831.0 16190.0 37098.0 0.0 59997.6 60335.0 72742.0 0.0 2442293.0 0.0	
320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342	249.75 63.00 53207732.00 3986372.00 1308769.00 2954.88 3637.44 3444.48 0.00 0.00 7477759.00 4050456.00 1949375.00 4226.40 6627092.00 6477440.00 7268896.00 0.00 69.12 11.52 46.08	11133 8244 174774 221806 74986 4311: 34799 21565 31853; 29714 19235 6778 21869 19594 19418 1223 1870 2319 246	832.5 433.0 417.0 961.0 065.0 216.0 094.0 391.6 0.0 0.0 454.0 318.0 769.0 411.2 698.0 707.0 416.0 0.0 864.4 953.6	28816.5 33423.0 320327.0 245665.0 54387.0 724875.6 575166.0 25196.4 0.0 2431482.0 2011067.0 1444580.0 75181.2 1425938.0 1596032.0 1444893.0 0.0 113806.8 319957.2 202616.4	65880.0 26839.5 60714.0 67202.0 28084.0 99328.8 35263.2 31152.0 0.0 96768.0 72809.0 72809.0 44584.8 372441.0 189366.0 290353.0 0.0 25636.8 18715.2 92095.2	93' 167' 1936' 723' 187' 179' 161' 628' 713' 673' 18 595' 892' 1144' 338' 521' 447' 219'	915.0 884.5 065.0 363.0 999.0 252.8 870.4 558.4 0.0 0.0 112.0 747.0 131.0 530.4 725.0 984.0 385.0 0.0 217.6 686.8 835.2 000.0 171.0	0.0 0.0 195.0 0.0 14864.0 0.0 270410.4 11393666.0 1453831.0 16190.0 37098.0 0.0 59997.6 60335.0 72742.0 0.0 2442293.0 0.0 0.0 0.0 0.0 0.0 8438.0	
320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343	249.75 63.00 5320732.00 3986372.00 1308769.00 2954.88 3637.44 3444.48 0.00 0.00 7477759.00 4050456.00 1949375.00 4226.40 6627092.00 6477440.00 7268896.00 0.00 69.12 11.52 46.08 18788.00	11133 8244 174774 221806 74986 4311: 34799 21566 31853; 29714 19235 6778 21869 19594 19418 1223 1870 2319 246 4307	832.5 433.0 417.0 961.0 0665.0 216.0 094.0 391.6 0.0 454.0 318.0 769.0 411.2 698.0 707.0 416.0 0.0 864.4 953.6	28816.5 33423.0 320327.0 245665.0 54387.0 724875.6 575166.0 25196.4 0.0 2431482.0 2011067.0 1444580.0 75181.2 1425938.0 1596032.0 1444893.0 0.0 113806.8 319957.2 202616.4 0.0 1024090.0	65880.0 26839.5 60714.0 67202.0 28084.0 99328.8 35263.2 31152.0 0.0 96768.0 72809.0 58340.0 44584.8 372441.0 189366.0 290353.0 0.0 25636.8 18715.2 92095.2 0.0 36858.0	93' 167' 1936' 723' 187' 161' 628 713' 673 18 595 892 1144 338 521 447' 219	915.0 884.5 065.0 363.0 999.0 252.8 870.4 558.4 0.0 0.0 112.0 747.0 131.0 530.4 725.0 984.0 385.0 0.0 217.6 686.8 835.2 000.0 171.0 290.0	0.0 0.0 195.0 0.0 14864.0 0.0 270410.4 11393666.0 1453831.0 16190.0 37098.0 0.0 59997.6 60335.0 72742.0 0.0 2442293.0 0.0 0.0 0.0 0.0 0.0 0.0 2442293.0	
320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344	249.75 63.00 5320732.00 3986372.00 1308769.00 2954.88 3637.44 3444.48 0.00 0.00 7477759.00 4050456.00 1949375.00 4226.40 6627092.00 6477440.00 7268896.00 0.00 69.12 11.52 46.08 18788.00 2867225.00 1084081.00 216.00	11133 8244 17477 22180 ⁶ 7498 4311; 3479; 2156; 31853; 29714 19235; 6778 21869 19594 19418 1223 1870 2319 246 4307 1468 848	832.5 433.0 417.0 961.0 665.0 216.0 094.0 391.6 0.0 0.0 454.0 318.0 707.0 416.0 0.0 864.4 1953.6 1966.0 1953.6 1966.0 1953.6 1966.0 1953.6 1966.0 1953.6 1966.0 1953.6 1966.0 1953.6 1966.0 1966	28816.5 33423.0 320327.0 245665.0 545887.0 724875.6 575166.0 25196.4 0.0 2431482.0 2011067.0 1444580.0 75181.2 1425938.0 1596032.0 1444893.0 0.0 113806.8 319957.2 202616.4 0.0 1024090.0 9306.0	65880.0 26839.5 60714.0 67202.0 28084.0 99328.8 35263.2 31152.0 0.0 96768.0 72809.0 58340.0 44584.8 372441.0 189366.0 290353.0 0.0 25636.8 18715.2 92095.2 0.0 36858.0 0.0	93' 167' 1692 1936' 723' 187 179 161 628 713 673 18 595 892 1144 338 521 447 219 14 54	915.0 884.5 065.0 363.0 999.0 252.8 870.4 558.4 0.0 0.0 112.0 747.0 131.0 530.4 725.0 984.0 385.0 0.0 217.6 686.8 835.2 000.0 171.0 290.0 1283.0	0.0 0.0 195.0 0.0 14864.0 0.0 270410.4 11393666.0 1453831.0 16190.0 37098.0 0.0 59997.6 60335.0 72742.0 0.0 2442293.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	
320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345	249.75 63.00 5320732.00 3986372.00 1308769.00 2954.88 3637.44 3444.48 0.00 0.00 7477759.00 4050456.00 1949375.00 4226.40 6627092.00 6477440.00 7268896.00 0.00 69.12 11.52 41.52 46.08 18788.00 2867225.00 1084081.00 216.00 288.00	11136 8244 174776 221800 74986 43111 34799 21566 31853 297144 19235 6778 21869 19594 19418 1223 1870 2319 246 4307 1468 848 916	832.5 433.0 417.0 961.0 665.0 216.0 094.0 391.6 0.0 0.0 454.0 318.0 769.0 411.2 698.0 707.0 416.0 0.0 864.4 953.6 966.0 966.0 953.0 966.0 966.0 966.0 966.0 966.0 966.0 966.0 966.0 966.0	28816.5 33423.0 320327.0 245665.0 54387.0 724875.6 575166.0 25196.4 0.0 25196.4 0.0 2431482.0 2011067.0 1444580.0 75181.2 1425938.0 1596032.0 1444893.0 0.0 113806.8 319957.2 202616.4 0.0 1024090.0 9306.0 0.0	65880.0 26839.5 60714.0 67202.0 28084.0 99328.8 35263.2 31152.0 0.0 96768.0 72809.0 58340.0 44584.8 372441.0 189366.0 290353.0 0.0 25636.8 18715.2 92095.2 0.0 36858.0 0.0 0.0	93' 167' 1692 1936' 723' 187 179 161 628 713 673 18 595 892 1144 338 521 447 219 14 410 563	915.0 884.5 065.0 363.0 999.0 252.8 870.4 558.4 0.0 0.0 112.0 747.0 131.0 530.4 725.0 984.0 385.0 0.0 217.6 686.8 835.2 000.0 171.0 290.0 1290.0 1290.0 1283.0 1632.5	0.0 0.0 195.0 0.0 14864.0 0.0 270410.4 11393666.0 1453831.0 16190.0 37098.0 0.0 59997.6 60335.0 72742.0 0.0 2442293.0 0.0 0.0 0.0 0.0 8438.0 26620.0 0.0	
320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346	249.75 63.00 5320732.00 3986372.00 1308769.00 2954.88 3637.44 3444.48 0.00 0.00 7477759.00 4050456.00 1949375.00 4226.40 6627092.00 6477440.00 7268896.00 0.00 69.12 11.52 46.08 18788.00 2867225.00 1084081.00 216.00 288.00 288.00	11136 8244 174776 221800 74986 43111 34799 21566 31853 297144 19235 6778 21869 19594 19418 1223 1870 2319 246 4307 1468 848 916 815	832.5 433.0 417.0 961.0 665.0 216.0 094.0 391.6 0.0 454.0 318.0 769.0 411.2 698.0 707.0 416.0 0.0 864.4 953.6 966.0 253.0 5661.0 1641.0 16488.5 16597.5 1032.5	28816.5 33423.0 320327.0 245665.0 54387.0 724875.6 575166.0 25196.4 0.0 2431482.0 2011067.0 1444580.0 75181.2 1425938.0 1596032.0 1444893.0 0.0 113806.8 319957.2 202616.4 0.0 1024090.0 9306.0 0.0	65880.0 26839.5 60714.0 67202.0 28084.0 99328.8 35263.2 31152.0 0.0 96768.0 72809.0 58340.0 44584.8 372441.0 189366.0 290353.0 0.0 25636.8 18715.2 92095.2 0.0 36858.0 0.0 0.0 3117.0	93' 167' 1692' 1936' 723' 187' 161' 628 713 673 18 595' 892 1144' 338 521' 447' 219 144' 544 5410 543'	915.0 884.5 065.0 363.0 999.0 252.8 870.4 558.4 0.0 0.0 112.0 747.0 131.0 747.0 131.0 984.0 385.0 0.0 217.6 686.8 835.2 9000.0 171.0 171.0 2290.0 2283.0 632.5 728.0	0.0 0.0 195.0 0.0 14864.0 0.0 270410.4 11393666.0 1453831.0 16190.0 37098.0 0.0 59997.6 60335.0 72742.0 0.0 2442293.0 0.0 0.0 0.0 0.0 8438.0 26620.0 0.0 0.0	
320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345	249.75 63.00 5320732.00 3986372.00 1308769.00 2954.88 3637.44 3444.48 0.00 0.00 7477759.00 4050456.00 1949375.00 4226.40 6627092.00 6477440.00 7268896.00 0.00 69.12 11.52 41.52 46.08 18788.00 2867225.00 1084081.00 216.00 288.00	11136 8244 174776 221800 74986 43111 34799 21566 31853 297144 19235 6778 21869 19594 19418 1223 1870 2319 246 4307 1468 848 916	832.5 433.0 417.0 961.0 0665.0 216.0 094.0 391.6 0.0 454.0 3318.0 769.0 411.2 698.0 707.0 416.0 0.0 864.4 953.6 966.0 9253.0 561.0 8488.5 5597.5	28816.5 33423.0 320327.0 245665.0 54387.0 724875.6 575166.0 25196.4 0.0 25196.4 0.0 2431482.0 2011067.0 1444580.0 75181.2 1425938.0 1596032.0 1444893.0 0.0 113806.8 319957.2 202616.4 0.0 1024090.0 9306.0 0.0	65880.0 26839.5 60714.0 67202.0 28084.0 99328.8 35263.2 31152.0 0.0 96768.0 72809.0 58340.0 44584.8 372441.0 189366.0 290353.0 0.0 25636.8 18715.2 92095.2 0.0 36858.0 0.0 0.0	93' 167' 1692' 1936' 723' 187' 179' 161' 628' 713' 673' 18 595' 892' 1144' 338' 521' 447' 219' 14 54' 410' 563' 445' 21942'	915.0 884.5 065.0 363.0 999.0 252.8 870.4 558.4 0.0 0.0 112.0 747.0 131.0 530.4 725.0 984.0 385.0 0.0 217.6 686.8 835.2 000.0 171.0 290.0 1290.0 1290.0 1283.0 1632.5	0.0 0.0 195.0 0.0 14864.0 0.0 270410.4 11393666.0 1453831.0 16190.0 37098.0 0.0 59997.6 60335.0 72742.0 0.0 2442293.0 0.0 0.0 0.0 0.0 8438.0 26620.0 0.0	

OBS	STATION	YEAR	MOVIES	SERIES	SPORTS	DEVO	LOCAL	OTHER	TOTAL
					700.0	40.0	2001.0	70.0	47704 0
349	WWOR	90	824.0	9116.0	380.0	48.0	2984.0	32.0	13384.0
350	WWSB	88	610.0	3258.0	0.0	132.0	1090.0	0.0	5090.0
351	WWSB	89	546.0	3124.0	0.0	192.0	990.0	0.0	4852.0
352	WWSB	90	424.0	4304.0	0.0	140.0	1332.0	0.0	6200.0
353	WXIA	88	55.0		128.0	174.0	2230.0	6.0	5286.0
354	WXIA	89	21.0		147.0	176.0	1942.0	0.0	5312.0
355	WXIA	90	172.0		0.0	144.0	2468.0	128.0	5862.0
356	WXIX	88	2778.0		64.0	200.0	68.0	0.0	13358.0
357	XIXW	89	2372.0		85.0	194.0	62.0	0.0	13362.0
358	WXIX	90	2222.0		0.0	182.0	60.0	116.0	13148.0
359	WXTV	88	1490.0		0.0	300.0	638.0	0.0	12701.0
360	WXTV	89	1665.0		0.0	48.0	554.0	0.0	12470.0
361	WXYZ	88	639.0		112.0	48.0	2196.0	0.0	6459.0
362	WXYZ	89	508.0		63.0	48.0	2144.0	0.0	6593.0
363	WXYZ	90	498.0		0.0	48.0	2007.0	64.0	6533.0
364	WYOU	89	166.5		0.0	288.0	1521.0	0.0	4443.0
365	WYOU	90	28.5		0.0	168.0	1734.0	0.0	4372.5
366	WYTV	88	48.0	2445.0	29.0	596.0	680.0	0.0	3798.0
OBS	VMOVIES	VSER	IES	VSPORTS	VDEV) ' '	VLOCAL	VOTHER	
349	12584288.00	12763512	8.0	15687714.0	52904.0	1900	8508.0	549172.0	
350	1220.00	188932	6.0	0.0	10536.0	254	4548.0	0.0	
351	1092.00	175439	0.0	0.0	0.0	186	6890.0	. 0.0	
352	848.00	174069	6.0	0.0	0.0	18:	2972.0	0.0	
353	37898.00	137152	2.0	65579.0	20122.0	161	2583.0	0.0	
354	928.00	191980		25317.0	69790.0	111	0712.0	0.0	
355	36345.00	162779	6.0	0.0	24675.0	155	7719.0	61856.0	
356	4566539.00	1164533	2.0	71383.0	49780.0	1	7191.0	0.0	
357	3618995.00	1206815	4.0	53354.0	30388.0) :	2950.0	0.0	
358	3152549.00	1224198	8.0	0.0	17031.0) 1 [,]	9568.0	49084.0	
359	49152.00	109474	6.0	0.0	1492.0) 6	8112.0	0.0	
360	35794.00	96562	0.0	0.0	0.0		7144.0	0.0	
361	19202.00	79954	1.0	234405.0	0.0		7984.0	0.0	
362	31319.00	56647	4.0	20550.0	0.0		1762.0	0.0	
363	11422.00	54755		0.0	1228.0		8120.0	822.0	
364	249.75	213046		0.0	3930.0		4508.0	. 0.0	
365	42.75	182734		0.0	10833.0		0930.5	0.0	
366	13657.00	68496	0.0	6612.0	27938.0		8619.0	0.0	

CDCHNG1.XLS	- XT.	٦	G	N	CH	:D	С
-------------	-------	---	---	---	----	----	---

						1.XL	S									
SYS_ID	CALL_REP	CALLSIGN	CAL	CHNL	ST	ST1	871	872	881	882	891	892	901	902	911	912
ALJ400 ALJ400 ALJ400 ALJ400 ALJ400 ALJ400 ALJ400 ALJ400 ALJ400	W55BJ WBIQ WBMG WBRC WDBB WGN WTBS WTTO WVTM WWOR	JASPER BIRMINGHAM BIRMINGHAM TUSCALOOSA CHICAGO ATLANTA BIRMINGHAM BIRMINGHAM NEW YORK	AL AL AL IL GA AL AL NY	55 10 42 06 17 09 17 21 13	ШИХИХ-	P C A F F Z	*	*	*	*	*		* L L L D D L L *	* L L L D D L L *	* LLLLDDLL*	* L L L * D D L L *
ARR300 ARR300 ARR300 ARR300 ARR300 ARR300 ARR300 ARR300 ARR300 ARR300	KAFT KFAA KFSM KHOG KOAM KODE KPOM KSNF KTUL WGN WTBS	FAYETTEVILLE ROGERS FT SMITH FAYETTEVILLE PITTSBURG JOPLIN FT SMITH JOPLIN TULSA CHICAGO ATLANTA	AR AR AR KS MO AR OK IL GA	13 51 05 29 07 12 24 16 08 09	ШZZZZZZZ	20404224	L * L L L L L L L * D	1 * 1 1 1 1 1 1 1 1 1 8 D	L*	L* L L L L L * D	L* L L L L L L * D	L * L L L L L L * D		L L L L * * L L D D	L L L L * * L L D D	L L L L * * L L D D
AZT960 AZT960 AZT960 AZT960 AZT960 AZT960 AZT960 AZT960 AZT960 AZT960 AZT960 AZT960 AZT960	KGUN KMSB KOLD KPOL KTLA KTTU KTTV KTVW KUAT KVOA WGN WTBS WWOR	TUCSON TUCSON TUCSON TUCSON LOS ANGELES TUCSON LOS ANGELES PHOENIX TUCSON TUCSON CHICAGO ATLANTA NEW YORK	AZ AZ AZ CA AZ CA AZ AZ IL GA NY	09 11 13 40 05 18 11 33 06 04 09 17	Z - Z E Z	A F C F S N						1111010111000		L L L * * L * L L L D D *	L L L * * L L L D D *	L
CAA720 CAA720 CAA720 CAA720 CAA720 CAA720 CAA720 CAA720	KCRA KCSO KICU KOVR KRBK KSCH KTVU KTXL KVIE KXTV WTBS	SACRAMENTO MODESTO SAN JOSE STOCKTON SACRAMENTO STOCKTON-SACRA OAKLAND SACRAMENTO SACRAMENTO SACRAMENTO SACRAMENTO ATLANTA	CA CA CA CA CA CA CA CA CA CA	03 19 36 13 31 58 02 40 06 10	Z Z E Z -	N S A F F C						L L * L L L * L L L L	L L * L L L L D	L L * L L L D	L L * L L L L L D	L L * L L L * L L L D

CAA780 KABC CAA780 KBAK CAA780 KCAL CAA780 KCET CAA780 KCOP CAA780 KDOB CAA780 KERO CAA780 KGET CAA780 KMPH CAA780 KNSD CAA780 KTLA CAA780 WTBS	LOS ANGELES BAKERSFIELD LOS ANGELES LOS ANGELES LOS ANGELES BAKERSFIELD BAKERSFIELD VISALIA SAN DIEGO LOS ANGELES LOS ANGELES ATLANTA	CA CA CA CA CA CA CA CA CA CA CA CA	07 29 09 28 13 45 23 17 26 39 05 11	Z Z - E Z Z - Z	AA CCFN F			D L D D D * L L L * D D *	D L D D D * L L L * D D *						
CAA810 KCAL CAA810 KCET CAA810 KCOY CAA810 KEYT CAA810 KQED CAA810 KSBY CAA810 KTLA CAA810 KTTV CAA810 KTVU CAA810 WTBS	LOS ANGELES LOS ANGELES SANTA MARIA SANTA BARBARA SAN FRANCISCO SAN LUIS OBISPO LOS ANGELES LOS ANGELES OAKLAND ATLANTA	CA CA CA CA CA CA CA CA CA	09 28 12 03 09 06 05 11 02	- E Z Z E Z	C A N F F	D * L L D L D D * D	L * L L L L L * D	D * L L D L D D * D		D * L L * L D D D	D * L L * L D D D D		D D L L * L D D * D	D D L L * L D D * D	D D L L * L D D * D
CAB060 KABC CAB060 KBAK CAB060 KCAL CAB060 KCBS CAB060 KCET CAB060 KCOP CAB060 KDOB CAB060 KERO CAB060 KGET CAB060 KMEX CAB060 KMPH CAB060 KNBC CAB060 KNSD CAB060 KTLA CAB060 KTLA	LOS ANGELES BAKERSFIELD LOS ANGELES LOS ANGELES LOS ANGELES LOS ANGELES BAKERSFIELD BAKERSFIELD BAKERSFIELD LOS ANGELES VISALIA LOS ANGELES SAN DIEGO LOS ANGELES LOS ANGELES	CA C	07 29 09 02 28 13 45 23 17 34 26 04 39 05 11	Z Z - Z II Z Z Z Z	AA C CCSFZZ F						010*0*111*10100	D L D * D * L L L L L D * D D	0 1 0 * 0 * 1 1 1 1 1 0 * 0 0	D L D * D * L L L L L D * D D	D L D * D * L L L L D * D D
CAB310 KCOP CAB310 KFMB CAB310 KGTV CAB310 KHAS CAB310 KMEX CAB310 KNBC CAB310 KNSD CAB310 KPBS CAB310 KSCI CAB310 KTLA CAB310 KTTV CAB310 KTTY	LOS ANGELES SAN DIEGO SAN DIEGO HASTINGS LOS ANGELES LOS ANGELES SAN DIEGO SAN DIEGO SAN BERNARDINO LOS ANGELES LOS ANGELES	CA CA CA CA CA CA CA	13 08 10 05 34 04 39 15 18 05 11 69	- Z Z Z - Z Z Ш	CAZSZZ S F			1		L L L * * L L L L D D L		1111 * * 1111001		L L L L L L D * L	L

					CDC	HNG1	.XLS	5									
)	CAB310 CAB310 CAB310 CAB310 CAB310	WTBS XETV	SAN DIEGO CHICAGO ATLANTA TIAJUANA TIAJUANA	CA IL GA BJ BJ	51 09 17 06 12			L * D L *	L * D L *	L * D L	L * D L *	L * D L	L * D L L	L * D L L	L * D L L	L D L L	L D L L
	CAC350 CAC350 CAC350 CAC350 CAC350 CAC350 CAC350 CAC350 CAC350	KCSO KOVR KRBK KSCH KTVU KTXL KVIE KXTV	SACRAMENTO MODESTO STOCKTON SACRAMENTO STOCKTON-SACRA OAKLAND SACRAMENTO SACRAMENTO SACRAMENTO SACRAMENTO ATLANTA	CA CA CA CA CA CA CA CA CA	03 19 13 31 58 02 40 06 10	N - N - 1 - E N -	N S A F F C	L L L D L L L D						L	L	L	L
	CAC370 CAC370 CAC370 CAC370 CAC370 CAC370 CAC370 CAC370 CAC370 CAC370 CAC370 CAC370	KCPM KCRA KHSL KIXE KOVR KPIX KRCR KRON	SAN FRANCISCO CHICO SACRAMENTO CHICO REDDING STOCKTON SAN FRANCISCO REDDING SAN FRANCISCO OAKLAND SACRAMENTO SACRAMENTO ATLANTA	CA C	44 24 03 12 09 13 05 07 04 02 40 10	-Z-ZZZZZ-	NNC ACANFFO	0 1 0 1 1 0 0 0 0 0 0					D L D L * D L * D D * D	D L D L L * D D * D	D L D L L * D D * D	D L D L * D L * D D * D	D L D L * D L * D D * D
	CAC640 CAC640 CAC640 CAC640 CAC640 CAC640 CAC640 CAC640 CAC640 CAC640 CAC640 CAC640 CAC640 CAC640	KCAL KCBS KCET KCOP KLCS KMEX KNBC KSCI KTLA KTTV KVCR KWHY WGN	LOS ANGELES SAN BERNARDINO LOS ANGELES SAN BERNARDINO LOS ANGELES SAN BERNARDINO LOS ANGELES CHICAGO ATLANTA	CA C	07 09 02 28 13 58 34 04 18 05 11 24 22 09 17	X - Z E - E - Z E	A C SZS F S		11111111111					L L L L L L L L L L L L L L L L L L L	L L L L L L L L L L L L L L L L L L L	L L L L * L L L * * D	L L L L L L L L L L D
)	CAC670 CAC670	KABC KCAL KCBS KCET KCOP	LOS ANGELES LOS ANGELES LOS ANGELES LOS ANGELES LOS ANGELES	CA CA CA CA	07 09 02 28 13	N - N E -	A C	L L L L									

				CDC	HNG1	.XLS	3									
CAC670 CAC670 CAC670 CAC670 CAC670 CAC670 CAC670 CAC670	KMEX KNBC KOCE KSCI KTBN KTLA KTTV KVEA KWHY WGN WTBS	ANAHEIM ONTARIO LOS ANGELES LOS ANGELES LOS ANGELES HUNTINGTON BEAC SAN BERNARDINO SANTA ANA LOS ANGELES LOS ANGELES LOS ANGELES COS ANGELES CHICAGO ATLANTA NEW YORK	CA CA CA	56 46 58 34 04 50 18 40 05 11 52 22 09 17		8 Z 8 S F 8		L*	L*		L * L L L L L L L D D L	L*	L L L L L L L L L D D *		L L L L L L L L L L D D *	L L L L L L L L L L D D *
CAC770	KCAL KCBS KCET KCOP KDOC KHSC KLCS KMEX KNBC KOCE KSCI KTBN KTLA KTTV KVCR KVEA KWHY WGN	SAN BERNARDINO LOS ANGELES LOS ANGELES LOS ANGELES LOS ANGELES ANAHEIM ONTARIO LOS ANGELES LOS ANGELES LOS ANGELES HUNTINGTON BEAC SAN BERNARDINO SANTA ANA LOS ANGELES LOS ANGELES COS ANGELES COS ANGELES COS ANGELES CHICAGO NEW YORK ATLANTA NEW YORK	CA CA CA CA	30 09 02 28 13 56 46 58 34 04 50 18 40 05 11 24 52 22 09 11 17 09	ZEE-ZEE	C SN SS F S	11111111111111111	11111111111111111111111111111111111111		L	L L L L L L L L L L L L L L L					11111111111111111111111111111111111111
CAC880 CAC880 CAC880 CAC880 CAC880 CAC880	KGO KICU KMTP KNTV KOFY KPIX KQEC KQED KRCB	SAN FRANCISCO COTATI	CA C	44 03 60 14 42 07 36 32 11 20 05 32 09 22 04	- Z II Z - I I I I I I I	N S A A C N		LD L L * L L * * L L L L * L	* D L L * L L * L L L L * L	* D L L * L L * * L L L L * L	* D L L * L L L * L L L * L	* D L L * L L L * L L L * L	L D L L * L L L * L L L * L	LD* L* LL* * LLLLLL	L * * L * * L L L L L L L L L L L L L L	L * * L * L L * L L * L L L

				CDC	HNG1	.XLS	;									
CAC880		SAN JOSE	CA	54	Ε		L	L	L	L	L	L	L	L	L	L
	KTSF	SAN FRANCISCO	CA	26	1	S	L	L	L	L	L	L	L	L	L	L
	KTVU	OAKLAND	CA	02		F	L	L	L	L	L	L	L	L	L	L
	KTXL	SACRAMENTO	CA	40		F	L,	D	D	D	D	D	D	*	*	*
CAC880	WTBS	ATLANTA	GΑ	17	J		D	D	D	D	D	D	D	D	D	D
CAC940		LOS ANGELES	CA	07	Ν	Α	L	L	L	L	L	L	L	L	L	L
CAC940		SAN BERNARDINO	CA	30	-		L	*	*	*	*	*	*	*	*	*
CAC940		LOS ANGELES	CA	09	1	_	L	L	L	L	L	L	L	L	L	L
CAC940		LOS ANGELES	CA	02	Ν	С	L	L	L	L	L	L	L	L	L	L
CAC940 CAC940		LOS ANGELES LOS ANGELES	CA	28	Ę		L	L	L	L	L	L	L	L	L	L
CAC940		ANAHEIM	CA	13 56	į,		L	L	Ļ	L	L	L	L	L	L	L
CAC940		LOS ANGELES	CA CA	58	i –		L	L	L	L	L	L	L	L	Ļ	L
CAC940		LOS ANGELES	CA	34	E l	S	L	L	L L	L ;	L	L	L 1	<u> </u>	L	<u>L</u>
CAC940		LOS ANGELES	CA	04	N	S N	L	Ŀ	L	L	_	L,	L.	L	L	<u> </u>
CAC940		HUNTINGTON BEAC		50	E	IN	L	 -	ı	L	L.	L L	<u>L</u>	ا ا	L L	1
CAC940		SAN BERNARDINO	CA	18	<u> </u>	S	_	L 1	<u>_</u>	L !	1	L	<u> </u>	ا ا	<u> </u>	<u> </u>
CAC940		SANTA ANA	CA	40	1	S	L	1	L	اب 1	1	<u>L</u>	L.,	L	اب ا	_
CAC940		LOS ANGELES	CA	05	1	3	1	<u>_</u> !	L	1	_	L L	<u>L</u>	L_ 	L L	<u> </u>
CAC940		LOS ANGELES	CA	11	ì	F	L	L	L	L I	_	L	1 I	1	L	- -
CAC940		SAN BERNARDINO	CA	24	Ė	1	L	L	L	L	L.	L	L	⊢ 1	L	<u> </u>
CAC940		LOS ANGELES	CA	22	1	s	L	L	L	L	1	Ĺ	L	1	L	L
CAC940		CHICAGO	IL	09	i	J	*	*	*	*	*	*	l ★	*	D	D
CAC940		NEW YORK	NY	11	i		D	D	D	D	D	D	D	D	*	*
CAC940	WTBS	ATLANTA	GA	17	i		*	*	*	*	*	D	D	D	D	D
CAC940	WWOR	NEW YORK	NY	09	i		D	D	D	D	D	*	*	*	*	*
				-	·											
CAE420		SAN FRANCISCO	CA	44	1		L.	L	L	L	L	L	*	*	*	*
CAE420	KCRA	SACRAMENTO	CA	03	Ν	Ν	D	D	D	D	D	*	*	*	*	*
	KCSM	SAN MATEO	CA	60	Ε		L	L	L	L	L	L	*	*	*	*
CAE420	KDTV	SAN FRANCISCO	CA	14	1	S	L	L	L	L	L	L	*	*	*	*
CAE420	KGO	SAN FRANCISCO	CA	07	Ν	Α	L	L	L	L	L	L	*	*	*	*
CAE420	KICU	SAN JOSE	CA	36	1		L	L	L	L	L	L	*	*	*	*
	KNTV	SAN JOSE	CA	11	N	Α	L	L	L	L	L	*	*	*	*	*
	KOFY KPIX	SAN FRANSISCO	CA	20	1	_	L	L	L	L	L	*	*	*	*	*
CAE420		SAN FRANCISCO SAN FRANCISCO	CA	05	N	С	L	L	L	L	L	L	*	*	*	*
CAE420		SAN FRANCISCO	CA	32	Ε		L	L	L	L	L	L	*	* -	*	*
	KRON	SAN FRANCISCO	CA CA	09 04	E	K I	L	L	Ļ	L	Ļ	L	*	*	*	*
	KSTS	SAN JOSE	CA	48	N	N	L	L *	L *	L ★	L *	L *	*	^ *	*	*
CAE420	KTEH	SAN JOSE	CA	40 54	Ė		L						*	*	*	*
	KTSF	SAN FRANCISCO	CA	26	-	0	L	L	L	L	L,	L *	*	*	*	*
	KTVU	OAKLAND	CA	02	1	S F	L L	L	L L	L	L		*	*	*	*
CAE420	KTXL	SACRAMENTO	CA	40	t I	F	D	L L	D	L D	L D	L *	*	*	*	*
	KXTV	SACRAMENTO	CA	10	Ň	C	D	D	D	D	D	*	*	*	*	*
	WTBS	ATLANTA	GA	17	1	C	D	D	D	D	D	D	*	*	*	*
CAE420		NASHVILLE	TN	17	ì	F	*	*	*	*	ı	*	*	*	*	*
	· ·				,	1					_					
CAF100	KBHK	SAN FRANCISCO	CA	44	1		D	*	*	*	*	*	*	*	*	*
CAF100	KEET	EUREKA	CA	13	Ε		L	L	L	L	L	L	L	L	L	*
CAF100	KGO	SAN FRANCISCO	CA	07	Ν	Α	D	D	D	D	D	D	D	*	*	*
CAF100	KIEM	EUREKA	CA	03	Ν	Ν	L	L	L	L	L	L	L	L	L	*

				CDC	HNG	l.XL	S									
CAF100	KPIX	SAN FRANCISCO	CA	05	Ν	С	D	Ð	D	D	D	D	D	D	D	D
CAF100	KREQ	ARCATA-EUREKA	CA	23	1		*	L	L	L	L	*	*	L	L	*
CAF100	KRON	SAN FRANCISCO	CA	04	Ν	Ν	D	D	D	D	D	D	D	D	D	D
CAF100	KTVU	OAKLAND	CA	02	1	F	D	D	D	D	D	D	D	D	D	D
CAF100	KTXL	SACRAMENTO	CA	40	1	F	D	*	*	*	*	*	*	*	*	*
CAF100	KVIQ	EUREKA	CA	06	N	Ċ	Ĺ	L	L	L	L	L	L	L	L	*
CAF100	WTBS	ATLANTA	GA	17	1	•	D	D	D	D	D	D	D	Ď	Ď	D
		, , , <u> </u>	٥, ١		,			U	D	D	U	U	ט	D	D	D
0.15140	L/DLU/	044155444444														
CAF110	KBHK	SAN FRANCISCO	CA	44	1		L	L	L.	L	L	L	L	L	L	L
CAF110	KCSM	SAN MATEO	CA	60	Ε		L	L	L	*	*	*	L	L	L	L
CAF110	KDTV	SAN FRANCISCO	CA	14		S	L	L	L	L	L	L	L	L	L	L
CAF110	KFCB	CONCORD	CA	42			L	L	L	*	*	*	*	L	L	L
CAF110	KGO	SAN FRANCISCO	CA	07	Ν	Α	L	L	L	L	L	L	L	L	L	L
CAF110	KICU	SAN JOSE	CA	36			L	L	L	L	L	L	L	L	L	L
CAF110	KNTV	SAN JOSE	CA	11	Ν	Α	L	L	L	L	L	L	L	L	L	L
CAF110	KOFY	SAN FRANSISCO	CA	20	į		L	L	L	L	L	L	L	L	L	L
CAF110	KPIX	SAN FRANCISCO	CA	05	Ν	С	L	L	L	L	L	L	L	L	L	L
CAF110	KQEC	SAN FRANCISCO	CA	32	Ε		L	L	L	*	*	*	*	*	*	*
CAF110	KQED	SAN FRANCISCO	CA	09	E		L	L	L	L	L	L	L	L	L	L
CAF110	KRON	SAN FRANCISCO	CA	04	Ν	Ν	L	L	L	L	L	L	L	L	L	L
CAF110	KSTS	SAN JOSE	CA	48	1		L	L	L.	*	*	*	*	L	L	L
CAF110	KTEH	SAN JOSE	CA	54	Ε		L	L	L	L	L	L	L	L	L	L
CAF110	KTSF	SAN FRANCISCO	CA	26	1	S	L	L	L	L	L	L	L	L	*	L
CAF110	KTVU	OAKLAND	CA	02	1	F	L	L	L	L	L	L	L	L	L	L
CAF110	KTXL	SACRAMENTO	CA	40	1	F	D	D	D	D	D	D	*	*	*	*
CAF110	WTBS	ATLANTA	GA	17	1		D	D	D	D	D	D	D	D	D	D
CAF110	WWOR	NEW YORK	NY	09	1		*	*	*	*	*	*	D	D	D	D
CAF170	KBHK	SAN FRANCISCO	CA	44	ı		1	1	,	1	1		,	1		
CAF170	KDTV	SAN FRANCISCO	CA	14		S	L L	L L	L	Ĺ	L	L	L	L	L	L
CAF170	KGO	SAN FRANCISCO	CA	07	N	A		L.	L	L	L	L	Ļ	L	L	L
CAF170	KICU	SAN JOSE	CA	36	I	A	L	L	L	<u> </u>	L.	L	L	L	Ļ	L
CAF170	KNTV	SAN JOSE	CA	11	Ň	Α	L, *	*	L	<u></u>	1	L	<u> </u>	L	L	L
CAF170	KOFY	SAN FRANSISCO	CA	20	1 1	^	1	1	L.	i.		L	<u>_</u>	L	L.	L
CAF170	KPIX	SAN FRANCISCO	CA	05	N	С	L,	-	L	_	_	L	L- '	L .	L	L
CAF170	KQED	SAN FRANCISCO	CA	09	E	C	L.		L	L	L	L	L	L	Ļ	L
CAF170	KRON	SAN FRANCISCO	CA	04	N	N	L		L	L	L	L	L	L	L	L
CAF170	KTEH	SAN JOSE	CA	54	E	IN	L *	L	L *	L *	L *	Ļ	L	L	L	Ŀ
CAF170	KTSF	SAN FRANCISCO	CA	26	1	S	1	1				L	L	L	Ļ	Ŀ
CAF170	KTVU	OAKLAND	CA	02	1	F	L	L	L	L	L	L	L	L	L	Ļ
CAF170	KTXL	SACRAMENTO	CA	40	1	F	L	L	L	L	L	L *	L	L *	L	L
CAF170	WTBS	ATLANTA			i i	۲	D	D	D	D	_				_	_
OAI 170	VV 1 D G	AILANIA	GA	17	1		D	D	D	D	D	D	D	D	D	D
A		5 555														
CAF180	KAIL	FRESNO	CA	53	I		L	L	L	L	L	L	L	L	L	L
CAF180	KCBS	LOS ANGELES	CA	02	Ν	С	*	*	*	L	L	L	L	L	L	L
CAF180	KFSN	FRESNO	CA	30	Ν	С	L	L	L	L	L	L	L	L	L	L
CAF180	KFTV	HANFORD	CA	21	ļ	S	L	L	L	L	L	L	L	L	L	L
CAF180	KJEO	FRESNO	CA	47	Ν	С	L	L,	L	L	L	L	L	L	L	L
CAF180	KMPH	VISALIA	CA	26	1	F	L	L	L	L	L	L	L	L	L	L
CAF180	KMSG	SANGER	CA	59	l		*	L	L	L	L	L	L	L	L	L
CAF180	KSEE	FRESNO	CA	24	Ν	Ν	L	L	L	L	L	L	L	L	Ŀ	L
CAF180	KTVU	OAKLAND	CA	02	l	F	*	D	D	D	D	D	*	*	*	*
CAF180	KTXL	SACRAMENTO	CA	40	1	F	D	D	D	D	D	D	*	*	*	*

— NAB 1990 EXHIBIT 44-X

CHANGE	SYS_ID OWN	ER_NA	DELTROYL	WGHLOCL	WGHSERS	WGHSPRT	WGHMVSE	WGHDEVO
901	ALJ400 CABL	E SOUTH INC	-0.551786634	-0.563128373	-0.424781201	-0.154680736	-0.349694163	-0.245592642
901	ARR300 DONE	REY OF NEVADA INC	4.534607847	1.151482206	1.30160087	1.051135521	0.955996401	0.885174957
902	AZT960 ROBI	N CABLE SYSTEMS	-0.630100589	-0.740936828	-0.680574634	-0.392662799	-0.612439774	-0.8746667
892	CAA720 KING	VIDEOCABLE COMPANY	0.199993814	-0.789856206	-0.711255256	-0.352032283	-0.679485782	-0.853101096
902	CAA780 AMEF	RICAN TV & COMMUNICATION	0.046176008	0.003911744	-0.062495618	0.298153375	-0.016310301	-0.008304375
891	CAA810 FALC	ON CABLE SYSTEMS CO	0.177608028	1.039195116	0.888181874	0.280958183	0.674260624	1.021975531
902	CAA810 FALC	ON CABLE SYSTEMS CO	-0.129139363	-0.333459037	-0.193199397	-0.180531526	-0.188531139	-0.024637329
892	CAB060 COX	CABLE BAKERSFIELD INC	-0.13994822	-0.154126288	-0.251524182	-0.157519204	-0.285345936	-0.074108301
891	CAB310 COX	CABLE SAN DIEGO INC	-0.19024277	0.010150826	-0.303954076	-0.036205365	-0.264876526	-0.061182066
901	CAC350 SAMI	MONS COMMUNICATIONS INC	-0.617459127	-0.875540559	-0.532105434	-0.707351109	-0.451513207	-0.660578014
892	CAC370 COOL	KE CABLEVISION INC	0.077950135	-0.383257342	-0.238475481	0	-0.197507097	-0.423221623
901	CAC640 AMER	RICAN CABLE TV INVESTORS	-0.381068245	-0.772967928	-0.48026233	-0.819903371	-0.444752845	-0.779783164
901	CAC670 AMER	RICAN CABLESYSTEMS OF CA	-0.424751226	-0.563128373	-0.424781201	-0.154680736	-0.349694163	-0.245592642
892	CAC770 COPL	LEY/COLONY CABLEVISION	0.014686971	-0.549223203	-0.28592161	0.228342218	-0.002917627	0.002446776
902	CAC770 COPL	LEY/COLONY CABLEVISION	0.020646826	0.495084322	-0.093594929	1.897540524	-0.117269384	0.333614827
902	CAC880 CRO	CKETT CABLE SYSTEMS INC	-0.3993089	-0.103979995	-0.573020093	0	-0.459935849	-0.931769125
892	CAC940 COPL	LEY/COLONY CABLEVISION	0.056713315	-0.549223203	-0.28592161	0.228342218	-0.002917627	0.002446776
892	CAE420 WEST	TSTAR COMMUNICATIONS	0.030538442	-0.883207229	-0.776233614	-0.174219357	-0.647199396	-0.916769925
902	CAF100 COX	CABLE HUMBOLDT INC	-0.091672471	-0.27880326	-0.136460678	0	-0.101971921	0
901	CAF110 UNITI	ED CABLE TELEVISION CORP	-0.369409239	0.773305942	-0.112879348	0.008610922	-0.037858619	-0.916675957
891	CAF170 TCI C	CABLEVISION OF CALIFORNIA	-0.271544262	-0.496650087	-0.683577285	-0.090034058	-0.530791479	-0.928504185
901	CAF180 FRES	SNO CABLE TV LTD	-0.826953258	-0.899116579	-0.750189251	-0.707351109	-0.650480999	-0.949235827
901	CAH240 HAYV	WARD CABLE TELEVISION INC	-0.240349416	0.773305942	-0.112879348	0.008610922	-0.037858619	-0.916675957
902	CAI250 COMI	MUNITY CABLEVISION CO	0.089125874	-0.376920888	-0.185026554	1.033624141	-0.056450722	1.284471222
902	CAL550 BREN	NMOR CABLE PARTNERS	-0.37480074	-0.578750258	-0.650129068	0	-0.508309975	-0.931769125
891	CAM340 UACC	C MIDWEST INC	0.105397201	0.178198757	0.203335544	-0.016738847	0.130533018	2.284432918
902	CAM400 BREN	NMOR CABLE PARTNERS	-0.378416312	-0.578750258	-0.650129068	0	-0.508309975	-0.931769125
902	CAN100 TELE	-VUE SYSTEMS INC	-0.411359869	-0.578750258	-0.650129068	0	-0.508309975	-0.931769125
892	CAO120 CABL	E OAKLAND	-0.005035458	0.52113064	0.308626517	0.348142453	0.383348286	0.003684715
901	CAO120 LENF	EST BERKS CABLE TV	-0.241860073	-0.202477971	-0.156587881	-0.421162605	-0.142288706	-0.976251929
902	CAP300 TELE	-VUE SYSTEMS INC	-0.469089019	-0.924317017	-0.691625735	-0.554660105	-0.555102436	-0.931769125
892	CAP340 VOLC	CANO COMMUNICATIONS CO	2.479998692	-0.076026381	-0.163974243	-0.647967717	-0.203830142	-0.140779189
902	CAP420 CON	TRA COSTA CABLE COMPANY	-0.47207636	-0.924317017	-0.691625735	-0.554660105	-0.555102436	-0.931769125
891	CAP540 TCI C	CABLEVISION OF TAHOE INC	-0.700300742	-0.060009173	-0.225054915	-0.621128505	-0.339999782	-0.737331162

901	CAP540 TCI CABLEVISION OF CALIFORNIA	-0.103964315	-0.089814078	-0.203342149	0.002616418	-0.196686323	-0.064321471
882	CAP560 KING VIDEOCABLE COMPANY	-0.314386499	-0.324644548	-0.522157266	-0.125798468	-0.484726637	-0.290342727
901	CAP560 KING VIDEOCABLE COMPANY	-0.388260153	-0.921740733	-0.52917962	-0.747278918	-0.533923172	-0.914849369
902	CAP620 AMERICAN CABLESYSTEMS OF CA	0.306402747	3.264992171	0.966720195	4.947054154	0.758272578	2.547065596
902	CAP780 FALCON CABLE SYSTEMS CO	0.01161343	-0.057965774	-0.210194793	0	-0.219698335	-0.032630559
901	CAR300 AMERICAN CABLE OF REDLANDS	-0.362870276	-0.772967928	-0.48026233	-0.819903371	-0.444752845	-0.779783164
892	CAR380 FOOTHILLS CABLEVISION LTD	-0.3669529	-0.549942822	-0.555883652	-0.477828552	-0.50088055	-0.5856493
891	CAS350 TCI CABLEVISION OF CALIFORNIA	-0.297194604	-0.496650087	-0.683577285	-0.090034058	-0.530791479	-0.928504185
902	CAS460 WESTERN TV CABLE	-0.428089172	-0.924317017	-0.691625735	-0.554660105	-0.555102436	-0.931769125
902	CAS475 TELEVISION SIGNAL SERVICE INC	-0.129033566	-0.820337022	-0.118605642	-0.554660105	-0.095166587	0
891	CAS535 TCI CABLEVISION OF CALIFORNIA	-0.280014638	-0.496650087	-0.683577285	-0.090034058	-0.530791479	-0.928504185
902	CAS545 WESTERN TV CABLE	-0.414945072	-0.924317017	-0.691625735	-0.554660105	-0.555102436	-0.931769125
882	CAS590 COX CABLE SANTA BARBARA INC	-0.178250125	-0.043245934	-0.667973443	0	-0.536468576	-0.749444768
902	CAS605 BRENMOR CABLE PARTNERS	-0.367910499	-0.578750258	-0.650129068	0	-0.508309975	-0.931769125
901	CAS620 UNITED CABLE TELEVISION CORP	-0.017067106	1.151482206	1.30160087	1.051135521	0.955996401	0.885174957
891	CAS665 HEARST CABLEVISION OF CAINC	-0.188291899	-0.560983294	-0.096776975	-0.345085823	-0.076149445	-0.142455199
902	CAS665 BRENMOR CABLE PARTNERS	-0.477973891	-0.892995122	-0.698601728	0	-0.563236476	-0.931769125
901	CAS695 COMCAST CBV OF SEAL BEACH	-0.353982836	-0.418959135	-0.162932273	0.357125168	-0.02409102	0.736740192
891	CAS780 JONES INTERCABLE INC	-0.551586897	0.021255858	0.053234641	-0.036205365	0.001187089	0.295673089
891	CAS865 TCI CABLEVISION OF CALIFORNIA	-0.29366096	-0.496650087	-0.683577285	-0.090034058	-0.530791479	-0.928504185
901	CAT420 PARAGON COMMUNICATIONS	-0.589952465	-0.86376508	-0.574383927	-0.771798754	-0.444961497	-0.510372688
901	CAT750 SAMMONS COMMUNICATIONS INC	-0.630717418	-0.875540559	-0.532105434	-0.707351109	-0.451513207	-0.660578014
882	CAW600 COPLEY/COLONY CABLEVISION	0.038411769	-0.416073611	-0.265082701	0.541458709	-0.02792262	0.347696494
882	CAY300 CAL-NOR CABLEVIEW INC	3.013676918	0.222912736	1.250566337	0.242414934	0.975044538	6.332852016
891	CAY300 CAL-NOR CABLEVIEW INC	-0.171692029	-0.084149564	-0.199396209	-0.167793983	-0.23918578	-0.396184117
901	CAY300 CAL-NOR CABLEVIEW INC	0.116274952	0.72373942	-0.159199472	0.152403725	-0.075336293	-0.786640695
891	COF650 TCI CABLEVISION OF COLORADO	0.109855013	0.978582974	0.83963877	1.207992299	0.974421576	0.841958931
901	COG250 TCI CABLEVISION OF COLORADO	-0.011515375	-0.514753514	-0.205751375	0.062430324	-0.165950821	-0.400499463
902	COG250 TCI CABLEVISION OF COLORADO	0.001471603	0.898215358	0.311090299	0.008733793	0.193535933	0.486537954
891	COG500 SOUTHWEST CABLEVISION LTD	-0.279578668	-0.42958467	-0.441822371	-0.231233512	-0.34147304	-0.027942326
891	COS650 HERITAGE CBV OF COLORADO INC	-0.23615364	0.046102266	0.016878885	-0.026040165	0.002515548	-0.027942326
901	CTB200 CABLEVISION SYSTEMS OF S CT	-0.646448376	-0.601148793	-0.51090122	-0.813966937	-0.458348859	-0.58552894
902	CTM500 COMCAST CBV OF MIDDLETON	-0.776178092	-0.125844366	-0.284393157	-0.15771332	-0.336116758	-0.367838992
901	CTN450 NEW MILFORD CABLEVISION CO	-0.443379743	-0.180963835	-0.416135351	-0.577618829	-0.442073076	-0.995150888
901	CTN600 CENTURY NORWICH CORP	-0.319000712	-0.524966063	-0.007888959	-0.34107551	0.105981942	-0.994374856
							2.22.31.1000

				0.04040000	0.0000000	0.00000705	0.400070477
891	FLC090 FLORIDA CABLEVISION MANAGEM	2.065025035	0.522658701	0.240130302	0.507773558	0.309693785	0.490673177
902	FLC750 ADVOCATE COMMUNICATIONS INC	1.473736721	0.47698761	0.400591447	1.691669269	0.406915033	1.640425838
891	FLD025 STORER CABLE COMMUNICATION	-0.6171571	-0.049417176	-0.318385844	-0.393288795	-0.341225484	-0.562803258
891	FLF060 ONE FIFTY-FIVE CORP	0.254099395	2.699025528	1.776481917	0.375306796	1.03737025	-0.074264537
892	FLS020 CABLE SATELLITE ASSOCIATES	2.383317439	0.330003666	0.45521622	0.6054587	0.500692328	1.302125203
892	FLT140 CABLE TV FUND 12-BCD	0.142889059	-0.161660325	-0.156912035	0	-0.115807211	0
891	FLV200 MICRO CABLE COMMUNICATIONS	0.093469543	-0.001021256	0.009776907	-0.090034058	0.016508988	-0.147155027
891	GAM810 STORER CABLE COMMUNICATION	-0.883431993	-0.44124991	-0.614403255	-0.592897159	-0.57823354	-0.454132662
901	GAS600 US CABLE OF LAKE COUNTY	-0.083321434	-0.178674532	-0.263194927	-0.421162605	-0.20705105	-0.994987548
891	GAT200 TCI CABLEVISION OF THOMASVILL	-0.623645457	-0.260142557	-0.220093043	-0.489195613	-0.280990268	0.695446479
901	GAT300 AMERICAN CABLE TV INVESTORS	0.011330391	-0.897568012	-0.707523825	-0.857859161	-0.630145038	-0.787315081
891	GAV200 TCI CABLEVISION OF VALDOSTA	-0.738866395	-0.260142557	-0.220093043	-0.489195613	-0.280990268	0.695446479
891	IAA390 AMES CABLEVISION	0.03880181	-0.424703568	-0.434733651	-0.534614183	-0.497859461	-0.430715104
901	IAS275 POST-NEWSWEEK CABLE INC	-0.403514965	-0.178674532	-0.263194927	-0.421162605	-0.20705105	-0.994987548
882	IDI200 UPPER VALLEY TELECABLE CO INC	-0.035827211	-0.127367015	-0.312712681	0	-0.243202573	0
891	IDP350 TCI CABLEVISION OF IDAHO INC	-0.28346723	-0.162171384	-0.298728831	-0.031577627	-0.226949909	0.747176586
891	ILA050 CENTEL CABLE TELEVSISION CO	-0.343956646	-0.639289497	-0.644125968	-0.38414825	-0.506829794	-0.147155027
891	ILC505 TELE-COMM OF SOUTH SUBURBIA	-0.292190258	-0.639289497	-0.644125968	-0.38414825	-0.506829794	-0.147155027
891	ILG270 CENTEL CABLE TELEVSISION CO	-0.18573571	-0.639289497	-0.644125968	-0.38414825	-0.506829794	-0.147155027
882	ILL150 CENTEL CABLE TELEVSISION CO	-0.578927174	-0.016115628	-0.290951431	-0.3553435	-0.333661428	-0.782866146
891	ILL150 CENTEL CABLE TELEVSISION CO	-0.322512455	-0.639289497	-0.644125968	-0.38414825	-0.506829794	-0.147155027
882	ILL480 CONTINENTAL CBV OF ILLINOIS	-0.653714248	-0.200249348	-0.449760642	-0.113198389	-0.363329507	-0.246075528
882	ILV200 CENTEL CABLE TELEVSISION CO	-0.599687663	-0.011523112	-0.222296033	-0.26432462	-0.250221773	-0.630005992
891	ILV200 CENTEL CABLE TELEVSISION CO	-0.323780924	-0.42958467	-0.441822371	-0.231233512	-0.34147304	-0.027942326
891	ILW020 CENTEL CABLE TV CO OF ILLINOIS	-0.348284349	-0.639289497	-0.644125968	-0.38414825	-0.506829794	-0.147155027
891	ILW380 CENTEL CABLE TELEVSISION CO	-0.334315465	-0.639289497	-0.644125968	-0.38414825	-0.506829794	-0.147155027
902	INF650 COMCAST CABLEVISION OF INDIAN	-0.731676484	-0.422443703	-0.43257516	-0.031603973	-0.322035525	-0.852102563
891	KSD600 TCI OF KANSAS INC	-0.727451593	-0.561206393	-0.676840862	-0.234280166	-0.52302213	-0.687530454
891	KSG080 TCI OF KANSAS INC	-0.718363594	-0.561206393	-0.676840862	-0.234280166	-0.52302213	-0.687530454
902	KSL270 KANSAS CITY CABLE PARTNERS	-0.233947516	-0.453002158	-0.211776809	-0.114095335	-0.143217321	-0.643028642
882	KYG050 CENTEL CABLE TELEVSISION CO	-0.017877982	-0.521695551	-0.319490134	-0.433965252	-0.318261911	-0.240673455
901	KYP390 TELE-MEDIA CO OF KWV	0.923177481	-0.772967928	-0.48026233	-0.819903371	-0.444752845	-0.779783164
902	KYP390 TELE-MEDIA CO OF KWV	1.048497758	3.264992171	0.966720195	4.947054154	0.758272578	2.547065596
882	LAB120 TELECABLE ASSOCIATES INC	-0.378708595	-0.638920742	-0.647571627	-0.323214505	-0.514839306	0
902	LAB760 UNITED CABLE TV-BOSSIER CITY	-0.302652983	-0.461826126	-0.523178951	0.177661781	-0.375499922	-0.541736274
302	E (E) CO CHILE CONDET IN DOCCIER OFF	5.552554500	55 .525 .20	2.0201	2		· · · · · · · · · · · · · · · · · · ·

891	LAS240 CABLEVISION OF SHREVEPORT IN	-0.217739667	0.036459148	-0.482359921	-0.026040165	-0.359448636	-0.952103038
901	MAA250 TIMES MIRROR OF PIONEER VALLE	-0.582860942	-0.639054688	-0.374885849	-0.868782889	-0.239716352	-0.998581543
901	MAA450 INLAND BAY CABLE TV ASSOCIATE	-0.311261693	0.53942893	0.229424626	-0.219644734	0.33678589	-0.99496864
902	MAB150 CONTINENTAL CBV OF MA INC	-0.242504608	-0.356252016	-0.206972812	0	-0.161901888	-0.280720727
901	MAB700 ADAMS-RUSSELL CABLE SERVICES	-0.624745052	-0.86376508	-0.574383927	-0.771798754	-0.444961497	-0.510372688
901	MAC300 GREATER CHICOPEE CABLEVISION	-0.400266964	0.156269893	0.031450578	-0.23726564	0.206107232	-0.994526309
891	MAC400 AMERICAN CABLESYSTEM NORTH	-0.56886859	-0.559283029	-0.222314586	-0.026040165	-0.153723693	-0.347211674
901	MAE200 GREATER EASTHAMPTON CBV	-0.34884828	0.156269893	0.031450578	-0.23726564	0.206107232	-0.994526309
901	MAL600 GREATER NEW ENGLAND CBV	-0.35597996	0.290518602	0.024535151	-0.23726564	0.179660491	-0.9940506
891	MAM200 AMERICAN CABLESYSTEM NORTH	-0.574957324	-0.349871875	-0.311834571	1.018122438	-0.418626475	80.49142272
902	MAM200 AMERICAN CABLESYSTEM NORTH	2.465794545	0.129908904	0.387141488	0.335929905	0.53898972	0.451993073
901	MAM350 WARNER CABLE COMMUNICATION	-0.176881168	-0.088892486	-0.035856952	-0.563163361	0.098876737	-0.991618846
902	MAM350 WARNER CABLE COMMUNICATION	-0.800863098	-0.633646379	-0.401560978	-0.264646439	-0.400672873	-0.739948543
901	MAM500 CONTINENTAL CBV OF MA INC	1.258187049	-0.041770599	-0.188348208	-0.330481778	-0.159738601	-0.99420785
901	MAN100 UA-COLUMBIA CABLEVISION INC	-0.36947002	1.470679726	0.508545624	-0.616273602	0.416763195	-0.997797582
901	MAN550 CONTINENTAL CBV OF MA INC	-0.719074994	0.022601096	-0.156758473	-0.684130585	-0.122266533	-0.990206012
892	MAN600 CONTINENTAL CBV-W NEW ENGLA	0.256500523	-0.369565223	-0.538886385	-0.696478234	-0.512775671	-0.998904283
901	MAN600 CONTINENTAL CBV-W NEW ENGLA	0.040552106	-0.631576844	-0.170448517	0.177838663	-0.146133515	1.973138985
901	MAN700 ADAMS-RUSSELL CABLE SERVICES	-0.553528833	-0.86376508	-0.574383927	-0.771798754	-0.444961497	-0.510372688
901	MAP400 UNITED VIDEO CABLEVISION INC	1.841572798	1.470679726	0.508545624	-0.616273602	0.416763195	-0.997797582
891	MAR300 COLONIAL CABLEVISION CORP	-0.236361188	0.429170772	-0.246291399	0.003976879	-0.380137976	36.88638745
902	MAR300 CONTINENTAL CBV OF MA INC	0.040234598	0.171085664	0.707597783	0.519652615	1.15812237	1.809346904
901	MAT200 UA-COLUMBIA CABLEVISION INC	-0.381057069	1.470679726	0.508545624	-0.616273602	0.416763195	-0.997797582
901	MAU200 UNITED VIDEO CABLEVISION INC	1.090874247	1.470679726	0.508545624	-0.616273602	0.416763195	-0.997797582
902	MAW05 WARNER CABLE COMMUNICATION	-0.565590254	-0.333812053	-0.343377991	-0.117936446	-0.33560913	-0.288174473
901	MAW30 UNITED VIDEO CABLEVISION INC	0.117050716	-0.639054688	-0.374885849	-0.868782889	-0.239716352	-0.998581543
891	MAW50 CONTINENTAL CBV OF MA INC	-0.019549278	-0.191163312	-0.231984837	1.042370237	-0.323272777	40.80069861
892	MAW50 CONTINENTAL CBV OF MA INC	-0.158740235	0.201361587	0.238278897	0.455970101	0.434731544	0.002648695
901	MAW50 CONTINENTAL CBV OF MA INC	-0.729896779	0.022601096	-0.156758473	-0.684130585	-0.122266533	-0.990206012
902	MAW50 CONTINENTAL CBV OF MA INC	-0.048035459	-0.434032886	-0.355531526	0	-0.284365428	-0.777418224
891	MDA050 MULTIVIEW CABLE CORPORATION	0.064475646	1.649544057	0.02979373	-0.004086668	-0.036523545	-0.676855754
882	MDP050 JONES INTERCABLE INC	2.55460257	0.405076294	0.435579052	0.534152794	0.5004405	1.117434496
902	MDW20 JONES INTERCABLE INC	-0.474868409	-0.568837137	-0.359225198	-0.065064063	-0.297133548	-0.613127047
892	MES400 BEE LINE INC	-0.022896698	0.394148702	0.132501848	-0.001257606	-0.010791211	0.066651902
902	MIB350 PCI ONE INC	0.014007963	-0.376920888	-0.185026554	1.033624141	-0.056450722	1.284471222

901	MID600 C-TEC CABLE SYSTEMS MIDWEST	-0.924963608	0.165088116	-0.18475019	-0.028388404	-0.169476803	-0.355414649
902	MID800 C-TEC CABLE SYSTEMS MIDWEST	0.017392304	-0.374059881	-0.231849404	-0.115887067	-0.187970517	0
901	MIS825 MERCOM, INC.	-0.393720693	-0.207919857	-0.292286786	-0.07780306	-0.385074787	-0.484258559
892	MOC36 CARTHAGE CABLEVISION INC	0.080124286	1.21641771	0.777025669	0.267029453	0.501256474	0.0354135
902	MTB450 BILLINGS TELECOMMUNICATIONS	-0.167288505	-0.784008662	-0.25856313	0	-0.213304976	-0.278957082
891	MTB550 TCI CABLEVISION OF MONTANA	0.010906833	-0.147545695	-0.164249043	-0.157475091	-0.137012809	0.697569094
882	MTB700 TCI CABLEVISION OF MONTANA	0.113920687	0.511905333	0.128652216	0	0.110030797	0.435054953
891	MTB700 TCI CABLEVISION OF MONTANA	-0.02450602	-0.100052423	-0.143949859	-0.150887324	-0.122066536	0.517400503
902	MTB700 TCI CABLEVISION OF MONTANA	-0.140845693	-0.500357277	-0.231856207	0	-0.194798771	-0.195552624
891	MTH600 TCI CABLEVISION OF MONTANA	-0.715466138	-0.250393751	-0.499876586	-0.415848059	-0.481302497	0.36489957
902	MTH600 TCI CABLEVISION OF MONTANA	-0.243495822	-0.944987005	-0.49293138	0	-0.35098145	-0.86756897
891	MTM500 TCI CABLEVISION OF MONTANA	0.026310761	-0.162171384	-0.298728831	-0.031577627	-0.226949909	0.747176586
901	NCB270 AMERICAN TV & COMMUNICATION	-0.20432102	-0.418959135	-0.162932273	0.357125168	-0.02409102	0.736740192
891	NCB690 AMERICAN TV & COMMUNICATION	0.181769133	1.055446012	-0.020713891	0.171709315	-0.043678183	-0.468980793
901	NCD250 STAR CABLE ASSOCIATES	-0.733987511	-0.563128373	-0.424781201	-0.154680736	-0.349694163	-0.245592642
892	NCD700 CABLEVISION OF DURHAM INC	0.064909314	-0.399930952	-0.181094429	0.267104483	-0.000375783	1.223387277
882	NCH550 CAROLINA CABLE TV INC	0.02010239	0.330745375	-0.090433093	0.339891344	-0.030128389	-0.837684528
901	NCH550 CAROLINA CABLE TV INC	-0.619970725	-0.4733106	-0.42949813	0.036165102	-0.372145603	-0.601249079
901	NCM400 TELE-MEDIA CO-NORTH CAROLINA	0.383250723	-0.772967928	-0.48026233	-0.819903371	-0.444752845	-0.779783164
902	NCM400 TELE-MEDIA CO-NORTH CAROLINA	-0.030482181	3.264992171	0.966720195	4.947054154	0.758272578	2.547065596
891	NCM640 AMERICAN TELEVISION OF MIDWE	0.336853279	-0.198522941	-0.198691888	0.179405255	-0.011919479	1.05826845
901	NCN500 TAR RIVER COMMUNICATIONS INC	2.170286783	-0.4733106	-0.42949813	0.036165102	-0.372145603	-0.601249079
892	NCR160 AMERICAN TV & COMMUNICATION	0.346022464	-0.223905666	-0.190830182	0.799100349	-0.05128681	-0.271814652
901	NCS300 ATLANTIC TELEPHONE MEMBERSH	0.026089762	-1	-1	-1	-1	-1
902	NCS840 US CABLE TELEVISION GROUP LP	0.58629358	0.547557297	0.207637488	0	0.150138782	0
882	NDW35 TCI OF NORTH DAKOTA INC	-0.019156331	2.499037491	0.34100312	0	0.23545691	2.488127042
892	NEK200 HILLIARD, RUSSELL G	-0.243178739	-0.548821508	-0.437261927	-0.210752364	-0.333891299	-0.034202278
902	NHC500 CONTINENTAL CABLEVISION INC	1.541743217	-0.565161415	0.139560062	-0.058486206	0.0172615	3.237558885
891	NHC600 STATE CABLE TV CORP	-0.177072761	0.127876859	-0.300605654	-0.37741097	-0.295583825	0.699258424
902	NHK200 PARAGON COMMUNICATIONS	-0.015169895	-0.675790851	0.20309061	-0.071002316	0.026853595	4.645372167
902	NJA200 SERVICE ELECTRIC CABLE TV INC	0.210736091	-0.839328645	-0.24689232	0	-0.227337072	0
882	NJA600 NEW YORK TIMES CABLE CO OF NJ	0.392708827	0.028849281	0.465829034	0.329782637	0.548048529	2.87607157
901	NJB100 CABLEVISION SYSTEMS CORP	-0.599439605	-0.601148793	-0.51090122	-0.813966937	-0.458348859	-0.58552894
901	NJB300 CABLEVISION SYSTEMS CORP	-0.617611349	-0.601148793	-0.51090122	-0.813966937	-0.458348859	-0.58552894
891	NJC050 COMCAST CABLEVISION CORP	-0.34982266	-0.284449871	-0.625474987	-0.341058144	-0.519290872	-0.702299461

1915 N. 1920	901	NJD200 SAMMONS COMMUNICATIONS INC	-0.538382775	-0.668952112	-0.585250177	-0.754089851	-0.468826241	-0.817525319
NIM650 SAMMONS COMMUNICATIONS INC -0.55560911 -0.668952112 -0.585250177 -0.754089851 -0.468826241 -0.4817525319 -0.4817525319 -0.4481752513 -0.448175251	901	NJE550 TKR CABLE COMPANY	-0.548103778	-0.668952112	-0.585250177	-0.754089851	-0.468826241	-0.817525319
882 NINZO0 STORER CABLE COMMUNICATION -0.274552123 -0.014857228 -0.31850594 -0.06922086 -0.321446694 -0.94527598 891 NJN200 STORER CABLE COMMUNICATION -0.63319431 -0.688786493 -0.018032729 -0.056671015 -0.48952939 -0.817526332 862 NJN300 GILBERT MEDIA ASSOCIATES 0.120629871 -0.234070841 -0.081609952 -0.201028919 0.005105569 16.62257222 892 NJN300 GILBERT MEDIA ASSOCIATES 0.119724302 0.490163028 0.127477202 0.12592279 -0.015282898 -0.006687218 892 NJP400 HOME LINK COMM OF PRINCETON -0.062409448 0.313728424 0.83591271 0.25247362 0.24917635 -0.45252756 0.442115066 901 NJP400 HOME LINK COMM OF PRINCETON -0.652409484 0.313728424 0.83591271 0.35056001 0.249760261 -0.25247356 -0.75778451 891 NJW100 SUBURBAN CABLEVISION -0.326255862 -0.284449871 -0.652474987 -0.341058144 -0.51922967 -0.702299461 <tr< td=""><td>892</td><td>NJH400 RIVERVIEW CABLEVISION</td><td>-0.380151017</td><td>-0.343747001</td><td>-0.64559587</td><td>-0.287009095</td><td>-0.522520463</td><td>-0.656663346</td></tr<>	892	NJH400 RIVERVIEW CABLEVISION	-0.380151017	-0.343747001	-0.64559587	-0.287009095	-0.522520463	-0.656663346
Name	901	NJM650 SAMMONS COMMUNICATIONS INC	-0.55560911	-0.668952112	-0.585250177	-0.754089851	-0.468826241	-0.817525319
NINZOO STORER CABLE COMMUNICATION 0.637454074 0.603416983 0.610237229 0.66571015 0.489532993 0.817526332 0.17000000 0.1700000000000000000000000000000000000	882	NJN200 STORER CABLE COMMUNICATION	-0.274552123	-0.014857228	-0.31850594	-0.069622086	-0.321446694	-0.94527596
862 NJN300 GILBERT MEDIA ASSOCIATES 0.120629871 -0.234070641 -0.081609952 -0.201028919 0.005105569 16.62257222 0.130300 GILBERT MEDIA ASSOCIATES 0.119724302 0.490163028 0.1274777202 0.12592279 -0.015282898 -0.900665721 0.27826888 0.124997635 -0.148808402 0.12499740 -0.085409484 0.313728424 0.836912719 0.305640012 0.508752576 0.767748451 0.173687682 -0.35325384 0.42115066 0.12491703 0.173687682 -0.35325384 0.42115066 0.12491703 0.173687682 -0.35325384 0.42115066 0.12491703 0.173687682 -0.25474851 0.173687682 -0.2547354 0.767748451 0.313728424 0.836912719 0.305640012 0.508752576 0.767748451 0.173687682 0.2426700205 0.226273544 0.76724854 0.226273544 0.226273544 0.226273544 0.226273544 0.226273544 0.226273544 0.226273544 0.226273544 0.226273544 0.226273544 0.22627354 0.767289451 0.3262255682 0.28449871 0.625474887 0.341058144 0.519290872 0.70229946 0.178289225 0.544983252 0.536197961 0.498172207 0.446109688 0.234035796 0.498172207 0.446109688 0.234035796 0.294299798 0.3405796 0.294299798 0.3405796 0.294299798 0.3405796 0.234035796 0.294299798 0.3405796 0.294299798 0.294299	891	NJN200 STORER CABLE COMMUNICATION	0.063919431	-0.668786496	-0.097888307	-0.075806084	-0.103862172	-0.132919438
NJN300 GILBERT MEDIA ASSOCIATES 0.119724302 0.490163028 0.127477202 0.12592279 0.015282898 0.900665721	902	NJN200 STORER CABLE COMMUNICATION	-0.637454074	-0.603416983	-0.610237229	-0.56571015	-0.489532993	-0.817526332
902 NJP350 SAMMONS COMMUNICATIONS INC -0.284570009 -0.44615201 -0.267262868 0 -0.249917635 -0.148808402 892 NJP400 HOME LINK COMM OF PRINCETON -0.007825602 -0.190769006 -0.447214213 -0.173687682 -0.35325384 -0.442115066 901 NJP400 HOME LINK COMM OF PRINCETON -0.652409484 0.313728424 -0.835912719 0.305640012 0.508752576 0.767748451 901 NJS100 TRI-COUNTY CABLE TELEVISION C -0.422919781 -0.455130401 -0.302235445 -0.427602051 -0.25247354 -0.791128548 891 NJW400 MICCOMMUNICATIONS -0.35909569 -0.178289225 -0.544893252 -0.5449837961 -0.48109868 891 NWR100 TCI CABLEVISION OF NEVADA INC -0.32210824 -0.740935071 -0.632393171 -0.655100581 -0.483681986 -0.946335534 882 NYB660 SUFFOLK CABLE CORP SHELTER I 0.007812838 -0.011409821 -0.554958245 -0.23425237 -0.476681195 -0.912248162 891 NYB660 SUFFOLK CABLE	882	NJN300 GILBERT MEDIA ASSOCIATES	0.120629871	-0.234070641	-0.081609952	-0.201028919	0.005105569	16.62257222
892 NJP400 HOME LINK COMM OF PRINCETON 0.007825602 -0.190769006 -0.447214213 -0.173687682 -0.35325384 -0.42115066 901 NJP400 HOME LINK COMM OF PRINCETON -0.652409484 0.313728424 0.3835912719 0.305660012 0.508752576 -0.767748452 891 NJW100 SUBURBAN CABLEVISION -0.326255862 -0.284449871 -0.625474987 -0.341058144 -0.519290872 -0.702299461 891 NJW400 MICRO CABLE COMMUNICATIONS -0.35909569 -0.178289225 -0.544983252 -0.53419581 -0.498172207 -0.446109868 891 NWB100 CENTURY NEW MEXICO CABLE TV 0.244299798 -0.178289225 -0.544983252 -0.565100581 -0.483681986 -0.946335534 891 NYB660 SUFFOLK CABLE CORP SHELTER I 0.007812838 -0.011409821 -0.554958245 -0.23245237 -0.476681195 -0.912248162 882 NYB690 TCI OF NEW YORK INC -0.232936703 -0.157889226 -0.222015415 -0.678770622 -0.15986974 -0.21398578 -0.29269412 -0.499789804 891 NYC090 GATEWAY CABLEVISION CORP -0.7635936703	892	NJN300 GILBERT MEDIA ASSOCIATES	0.119724302	0.490163028	0.127477202	0.12592279	-0.015282898	-0.900665721
NJP400 HOME LINK COMM OF PRINCETON -0.652409484 0.313728424 0.835912719 0.305640012 0.508752576 0.767748451	902	NJP350 SAMMONS COMMUNICATIONS INC	-0.284570009	-0.44615201	-0.267262868	0	-0.249917635	-0.148808402
901 NJS100 TRI-COUNTY CABLE TELEVISION C -0.423919781 -0.455130401 -0.306235445 -0.427602051 -0.25247354 -0.791128548 891 NJW100 SUBURBAN CABLEVISION -0.326255862 -0.284448871 -0.625474987 -0.341058144 -0.519290872 -0.702299461 891 NJW400 MICRO CABLE COMMUNICATIONS -0.35909569 -0.178289225 -0.544983252 -0.536197961 -0.498172207 -0.446109868 891 NWB100 CENTURY NEW MEXICO CABLE TV 0.244299798 1.318599568 0.807019881 0.234035796 0.505032957 0.006481638 901 NVR100 TCI CABLEVISION OF NEVADA INC -0.32210824 -0.740935071 -0.632393171 -0.655100581 -0.483681986 -0.946335534 882 NYB690 TCI OF NEW YORK INC -0.238983361 -0.071382752 -0.226684628 -0.328674141 -0.243243307 -0.122228294 891 NYC090 GATEWAY CABLEVISION CORP -0.07820787 -0.530405471 -0.217398578 0.849623989 0.121802522 81.52216626 892 NYC090 GATEWAY CABLEVISION INDUSTRIES LP -0.653408667 -0.21300761 -0.175893	892	NJP400 HOME LINK COMM OF PRINCETON	0.007825602	-0.190769006	-0.447214213	-0.173687682	-0.35325384	-0.442115066
891 NJW100 SUBURBAN CABLEVISION -0.326255862 -0.284449871 -0.625474987 -0.341058144 -0.519290872 -0.702299461 891 NJW400 MICRO CABLE COMMUNICATIONS -0.35909569 -0.178289225 -0.544983252 -0.536197961 -0.498172207 -0.446109868 891 NMB100 CENTURY NEW MEXICO CABLE TV 0.244299798 1.318599588 0.807019881 0.234035796 0.505032957 -0.46816386 901 NVR100 TCI CABLEVISION OF NEVADA INC -0.32210824 -0.740935071 -0.632393171 -0.655100581 -0.488681986 -0.946335534 882 NYB690 TCI OF NEW YORK INC -0.298983361 -0.070382752 -0.226684628 -0.328674141 -0.243243307 -0.122228294 891 NYC090 GATEWAY CABLEVISION CORP -0.078207887 -0.530408671 -0.21398578 -0.2201145415 -0.678770822 -0.159866974 -0.997798084 892 NYC090 GATEWAY CABLEVISION CORP -0.031022242 -0.06065341 -0.27742437 -0.21382273 -0.299269122 -0.000752683 891 NYM260 CABLE TV FUND 11-B -0.655408667 -0.293447793	901	NJP400 HOME LINK COMM OF PRINCETON	-0.652409484	0.313728424	0.835912719	0.305640012	0.508752576	
891 NJW400 MICRO CABLE COMMUNICATIONS -0.35909569 -0.178289225 -0.544983252 -0.536197961 -0.498172207 -0.446109868 891 NMB100 CENTURY NEW MEXICO CABLE TV 0.244299798 1.318599588 0.807019881 0.234035796 0.505032957 0.006481638 901 NVR100 TCI CABLEVISION OF NEVADA INC -0.32210824 -0.740935071 -0.633393171 -0.655100581 -0.483681986 -0.946335534 882 NYB660 SUFFOLK CABLE CORP SHELTER I -0.07812838 -0.011409821 -0.554958245 -0.232425237 -0.476681195 -0.912248162 901 NYB690 TCI OF NEW YORK INC -0.239883361 -0.070382752 -0.26684628 -0.328770622 -0.159866974 -0.977798084 891 NYC090 GATEWAY CABLEVISION CORP -0.078207887 -0.530406471 -0.217398578 0.849623989 0.121802522 81.52216626 892 NYC090 GATEWAY CABLEVISION CORP -0.031022242 -0.06065341 -0.27742437 -0.21382273 -0.29969122 -0.090752683 891 NYM280 CABLEVISION INDUSTRIES LP -0.295494793 0.464922784 -0.278838583	901	NJS100 TRI-COUNTY CABLE TELEVISION C	-0.423919781	-0.455130401	-0.306235445	-0.427602051	-0.25247354	
891 NMB100 CENTURY NEW MEXICO CABLE TV 0.244299798 1.318599588 0.807019881 0.234035796 0.505032957 0.006481638 901 NVR100 TCI CABLEVISION OF NEVADA INC -0.32210824 -0.740935071 -0.632393171 -0.655100581 -0.483681986 -0.946335534 882 NYB660 SUFFOLK CABLE CORP SHELTER I 0.007812838 -0.011409821 -0.554958245 -0.232425237 -0.476681195 -0.912248162 882 NYB690 TCI OF NEW YORK INC -0.298983361 -0.070382752 -0.226684628 -0.328674141 -0.243243307 -0.122228294 901 NYB690 TCI OF NEW YORK INC -0.735936703 -0.1577889226 -0.220215415 -0.678770622 -0.159866974 -0.997798084 891 NYC090 GATEWAY CABLEVISION CORP -0.073022242 -0.06065341 -0.277742437 -0.21382273 -0.299269122 -0.000752683 892 NYL600 CABLE VISION INDUSTRIES LP -0.653408667 -0.21300761 -0.32648376 -0.24646439 -0.347370984 -0.516662197 891 NYM680 CABLEVISION INDUSTRIES LP -0.295494793 0.464922744 -0.278385683	891	NJW100 SUBURBAN CABLEVISION	-0.326255862	-0.284449871	-0.625474987	-0.341058144	-0.519290872	
901 NVR100 TCI CABLEVISION OF NEVADA INC 822 NYB660 SUFFOLK CABLE CORP SHELTER I 823 NYB690 TCI OF NEW YORK INC 834 NYB690 TCI OF NEW YORK INC 855 NYB690 TCI OF NEW YORK INC 855 NYB690 TCI OF NEW YORK INC 856 NYB690 TCI OF NEW YORK INC 857 NYB690 TCI OF NEW YORK INC 858 NYB690 TCI OF NEW YORK INC 859 NYC090 GATEWAY CABLEVISION CORP 859 NYC090 GATEWAY CABLEVISION CORP 850 NYC090 GATEWAY CABLEVISION CORP 850 NYL600 CABLE TV FUND 11-B 851 NYM280 CABLEVISION INDUSTRIES LP 852 NYM280 CABLEVISION INDUSTRIES LP 853 NYB680 CABLEVISION INDUSTRIES LP 854 NYB680 CABLEVISION INDUSTRIES LP 855 NYC090 CABLEVISION INDUSTRIES LP 856 NYB680 CABLEVISION INDUSTRIES LP 857 NYB680 CABLEVISION INDUSTRIES LP 858 NYB680 CABLEVISION INDUSTRIES LP 859 NYB680 CABLEVISION INDUSTRIES LP 850 NYB680 CABLEVISION INDUSTRIES LP 850 NYB680 CABLEVISION INDUSTRIES LP 851 NYB680 CABLEVISION INDUSTRIES LP 852 NYC090 CABLEVISION INDUSTRIES LP 853 NYB680 CABLEVISION INDUSTRIES LP 854 NYB680 CABLEVISION INDUSTRIES LP 855 NYB680 CABLEVISION INDUSTRIES LP 856 NYW7000 CABLEVISION INDUSTRIES LP 857 NYB680 CABLEVISION INDUSTRIES LP 858 NYB680 CABLEVISION INDUSTRIES LP 859 NYB680 CABLEVISION INDUSTRIES LP 850 NYB680 CABLEVISION INDUSTRIES LP 851 NYB680 CABLEVISION INDUSTRIES LP 852 NYW700 CABLEVISION INDUSTRIES LP 853 NYW700 CABLEVISION INDUSTRIES LP 854 NYW700 CABLEVISION INDUSTRIES LP 855 NYW700 CABLEVISION INDUSTRIES LP 856 NYW700 CABLEVISION INDUSTRIES LP 857 NYW700 CABLEVISION INDUSTRIES LP 858 NYW700 CABLEVISION INDUSTRIES LP 859 NYW700 CABLEVISION SYSTEMS CORP 850 OHA150 WARNER CABLE COMMUNICATION 850 OHA300 V CABLE INC 850 OHA300 V CABLE INC 850 OHA300 V CABLE INC 850 OHA300 V CABLE INC	891	NJW400 MICRO CABLE COMMUNICATIONS	-0.35909569	-0.178289225	-0.544983252	-0.536197961	-0.498172207	-0.446109868
882 NYB660 SUFFOLK CABLE CORP SHELTER I 0.007812838 -0.011409821 -0.554958245 -0.232425237 -0.476681195 -0.912248162 882 NYB690 TCI OF NEW YORK INC -0.298983361 -0.070382752 -0.226684628 -0.328674141 -0.243243307 -0.122228294 901 NYB690 TCI OF NEW YORK INC -0.735936703 -0.157889226 -0.220215415 -0.678770622 -0.159866974 -0.997788084 891 NYC090 GATEWAY CABLEVISION CORP -0.031022242 -0.06065341 -0.277742437 -0.21802273 -0.299269122 -0.000752683 892 NYC090 GATEWAY CABLEVISION CORP -0.031022242 -0.06065341 -0.277742437 -0.2180273 -0.299269122 -0.000752683 892 NYC690 CABLE TV FUND 11-B -0.653408667 -0.21300761 -0.32648376 -0.264646439 -0.347370984 -0.516662197 891 NYM680 CABLEVISION INDUSTRIES LP 2.322029249 1.214915751 0.157595241 1.961237976 0.144892741 110.1311246 891 NYP500 CABLEVISION INDUSTRIES LP -0.624629976 -0.601148793 -0.51090122 -0.81	891	NMB100 CENTURY NEW MEXICO CABLE TV	0.244299798	1.318599588	0.807019881	0.234035796	0.505032957	
882 NYB690 TCI OF NEW YORK INC -0.298983361 -0.070382752 -0.226684628 -0.328674141 -0.243243307 -0.122228294 901 NYB690 TCI OF NEW YORK INC -0.735936703 -0.157889226 -0.220215415 -0.678770622 -0.159866974 -0.997798084 891 NYC090 GATEWAY CABLEVISION CORP 0.078207887 0.530405471 0.217398578 0.849623989 0.121802522 81.52216626 892 NYC090 GATEWAY CABLEVISION CORP -0.031022242 -0.06065341 -0.277742437 -0.21382273 -0.299269122 -0.000752683 902 NYL600 CABLE TV FUND 11-B -0.653408667 -0.21300761 -0.32648376 -0.264646439 -0.347370984 -0.516662197 891 NYM280 CABLEVISION INDUSTRIES LP 2.322029249 1.214915751 0.157595241 1.961237976 0.144892741 110.1311246 891 NYM680 CABLEVISION INDUSTRIES LP -0.295494793 0.464922774 -0.27838563 -0.852018374 -0.337151546 -0.37552894 891 NYP500 CABLEVISION INDUSTRIES LP -0.041468261 -0.637491564 -0.451484795 -1	901	NVR100 TCI CABLEVISION OF NEVADA INC	-0.32210824	-0.740935071	-0.632393171	-0.655100581		
901 NYB690 TCI OF NEW YORK INC -0.735936703 -0.157889226 -0.220215415 -0.678770622 -0.159866974 -0.997798084 891 NYC090 GATEWAY CABLEVISION CORP 0.078207887 0.530405471 0.217398578 0.849623989 0.121802522 81.52216626 892 NYC090 GATEWAY CABLEVISION CORP -0.031022242 -0.06065341 -0.277742437 -0.21382273 -0.299269122 -0.000752683 902 NYL600 CABLE TV FUND 11-B -0.653408667 -0.21300761 -0.32648376 -0.264646439 -0.347370984 -0.516662197 891 NYM680 CABLEVISION INDUSTRIES LP 2.322029249 1.214915751 0.157595241 1.961237976 0.144892741 110.1311246 891 NYM680 CABLEVISION INDUSTRIES LP -0.295494793 0.464922784 -0.278838583 -0.852018374 -0.337151546 -0.763944939 901 NYO400 TKR CABLE COMPANY -0.624629976 -0.60148879 -0.61148793 -0.51090122 -0.813966937 -0.458348859 -0.5852894 901 NYS810 COOKE CABLEVISION OF SYRACU -0.694251611 0.005135367 -0.163783618 <td>882</td> <td>NYB660 SUFFOLK CABLE CORP SHELTER I</td> <td>0.007812838</td> <td></td> <td></td> <td></td> <td></td> <td></td>	882	NYB660 SUFFOLK CABLE CORP SHELTER I	0.007812838					
891 NYC090 GATEWAY CABLEVISION CORP 0.078207887 0.530405471 0.217398578 0.849623989 0.121802522 81.52216626 892 NYC090 GATEWAY CABLEVISION CORP -0.031022242 -0.06065341 -0.277742437 -0.21382273 -0.299269122 -0.000752683 902 NYL600 CABLE TV FUND 11-B -0.653408667 -0.21300761 -0.32648376 -0.264646439 -0.347370984 -0.516662197 891 NYM280 CABLEVISION INDUSTRIES LP 2.322029249 1.214915751 0.157595241 1.961237976 0.144892741 110.1311246 891 NYM680 CABLEVISION INDUSTRIES LP -0.295494793 0.464922784 -0.278838583 -0.852018374 -0.337151546 -0.763944939 901 NYO400 TKR CABLE COMPANY -0.624629976 -0.601148793 -0.51090122 -0.813966937 -0.458348859 -0.78532489 901 NYS810 COOKE CABLEVISION OF SYRACU -0.694251611 0.005135367 -0.163783618 -0.656568964 -0.097945175 -0.995447784 891 NYV400 CABL	882	NYB690 TCI OF NEW YORK INC	-0.298983361					
892 NYC090 GATEWAY CABLEVISION CORP -0.031022242 -0.06065341 -0.277742437 -0.21382273 -0.299269122 -0.000752683 902 NYL600 CABLE TV FUND 11-B -0.653408667 -0.21300761 -0.32648376 -0.264646439 -0.347370984 -0.516662197 891 NYM280 CABLEVISION INDUSTRIES LP 2.322029249 1.214915751 0.157595241 1.961237976 0.144892741 110.1311246 891 NYM680 CABLEVISION INDUSTRIES LP -0.295494793 0.464922784 -0.278838583 -0.852018374 -0.337151546 -0.763944939 901 NYO400 TKR CABLE COMPANY -0.624629976 -0.601148793 -0.51090122 -0.813966937 -0.458348859 -0.58552894 891 NYP500 CABLEVISION INDUSTRIES LP -0.041468261 -0.637491564 -0.451484795 -1 -0.497852345 -1 891 NYV400 CABLEVISION INDUSTRIES LP 2.337847638 1.214915751 0.157595241 1.961237976 0.144892741 110.1311246 891 NYW030 CABLEVISION INDUSTRIES LP -0.277836286 -0.637491564 -0.451484795 -1 -0.4978	901	NYB690 TCI OF NEW YORK INC						
902 NYL600 CABLE TV FUND 11-B -0.653408667 -0.21300761 -0.32648376 -0.264646439 -0.347370984 -0.516662197 891 NYM280 CABLEVISION INDUSTRIES LP 2.322029249 1.214915751 0.157595241 1.961237976 0.144892741 110.1311246 891 NYM680 CABLEVISION INDUSTRIES LP -0.295494793 0.464922784 -0.278838583 -0.852018374 -0.337151546 -0.763944939 901 NYO400 TKR CABLE COMPANY -0.624629976 -0.601148793 -0.51090122 -0.813966937 -0.458348859 -0.58552894 891 NYP500 CABLEVISION INDUSTRIES LP -0.041468261 -0.637491564 -0.451484795 -1 -0.497852345 -1 901 NYV400 CABLEVISION INDUSTRIES LP 2.337847638 1.214915751 0.157595241 1.961237976 0.144892741 110.1311246 891 NYW030 CABLEVISION INDUSTRIES LP 2.0377836286 -0.637491564 -0.451484795 -1 -0.497852345 -1 882 NYW720 CABLEVISION INDUSTRIES LP 0.151406128 -0.214714359 -0.46314681 -1 -0.504818018 -0.657887616 901 NY100 CABLEVISION SYSTEMS CORP -0.616661342 </td <td>891</td> <td>NYC090 GATEWAY CABLEVISION CORP</td> <td>0.078207887</td> <td></td> <td></td> <td></td> <td></td> <td></td>	891	NYC090 GATEWAY CABLEVISION CORP	0.078207887					
891 NYM280 CABLEVISION INDUSTRIES LP 2.322029249 1.214915751 0.157595241 1.961237976 0.144892741 110.1311246 891 NYM680 CABLEVISION INDUSTRIES LP -0.295494793 0.464922784 -0.278838583 -0.852018374 -0.337151546 -0.763944939 901 NYO400 TKR CABLE COMPANY -0.624629976 -0.601148793 -0.51090122 -0.813966937 -0.458348859 -0.58552894 891 NYP500 CABLEVISION INDUSTRIES LP -0.041468261 -0.637491564 -0.451484795 -1 -0.497852345 -1 901 NYS810 COOKE CABLEVISION OF SYRACU -0.694251611 0.005135367 -0.163783618 -0.656568964 -0.097945175 -0.995447784 891 NYV400 CABLEVISION INDUSTRIES LP 2.337847638 1.214915751 0.157595241 1.961237976 0.144892741 110.1311246 891 NYW030 CABLEVISION INDUSTRIES LP -0.277836286 -0.637491564 -0.451484795 -1 -0.497852345 -1 882 NYW720 CABLEVISION INDUSTRIES LP 0.151406128 -0.214714359 -0.46314681 -1 -0.504818018 <td>892</td> <td>NYC090 GATEWAY CABLEVISION CORP</td> <td>-0.031022242</td> <td></td> <td></td> <td></td> <td></td> <td></td>	892	NYC090 GATEWAY CABLEVISION CORP	-0.031022242					
891 NYM680 CABLEVISION INDUSTRIES LP -0.295494793 0.464922784 -0.278838583 -0.852018374 -0.337151546 -0.763944939 901 NYO400 TKR CABLE COMPANY -0.624629976 -0.601148793 -0.51090122 -0.813966937 -0.458348859 -0.58552894 891 NYP500 CABLEVISION INDUSTRIES LP -0.041468261 -0.637491564 -0.451484795 -1 -0.497852345 -1 901 NYS810 COOKE CABLEVISION OF SYRACU -0.694251611 0.005135367 -0.163783618 -0.656568964 -0.097945175 -0.995447784 891 NYV400 CABLEVISION INDUSTRIES LP 2.337847638 1.214915751 0.157595241 1.961237976 0.144892741 110.1311246 891 NYW720 CABLEVISION INDUSTRIES LP -0.277836286 -0.637491564 -0.451484795 -1 -0.497852345 -1 882 NYW720 CABLEVISION SYSTEMS CORP -0.616661342 -0.601148793 -0.51090122 -0.813966937 -0.458348859 -0.657887616 901 OHA300 V CABLE INC -0.044529148 -0.039196729 -0.125527968 -0.010314679 -0.104811853 </td <td>902</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	902							
901 NYO400 TKR CABLE COMPANY -0.624629976 -0.601148793 -0.51090122 -0.813966937 -0.458348859 -0.58552894 891 NYP500 CABLEVISION INDUSTRIES LP -0.041468261 -0.637491564 -0.451484795 -1 -0.497852345 -1 901 NYS810 COOKE CABLEVISION OF SYRACU -0.694251611 0.005135367 -0.163783618 -0.656568964 -0.097945175 -0.995447784 891 NYW030 CABLEVISION INDUSTRIES LP 2.337847638 1.214915751 0.157595241 1.961237976 0.144892741 110.1311246 891 NYW030 CABLEVISION INDUSTRIES LP -0.277836286 -0.637491564 -0.451484795 -1 -0.497852345 -1 882 NYW720 CABLEVISION INDUSTRIES LP 0.151406128 -0.214714359 -0.46314681 -1 -0.504818018 -0.657887616 901 NYY100 CABLEVISION SYSTEMS CORP -0.616661342 -0.601148793 -0.51090122 -0.813966937 -0.458348859 -0.58552894 901 OHA300 V CABLE INC -0.385112578 -0.739893652 -0.558495626 -0.783158118 -0.460845034	891		2.322029249	1.214915751	0.157595241	1.961237976	•	
891 NYP500 CABLEVISION INDUSTRIES LP -0.041468261 -0.637491564 -0.451484795 -1 -0.497852345 -1 901 NYS810 COOKE CABLEVISION OF SYRACU -0.694251611 0.005135367 -0.163783618 -0.656568964 -0.097945175 -0.995447784 891 NYW030 CABLEVISION INDUSTRIES LP 2.337847638 1.214915751 0.157595241 1.961237976 0.144892741 110.1311246 891 NYW030 CABLEVISION INDUSTRIES LP -0.277836286 -0.637491564 -0.451484795 -1 -0.497852345 -1 882 NYW720 CABLEVISION INDUSTRIES LP 0.151406128 -0.214714359 -0.46314681 -1 -0.504818018 -0.657887616 901 NYY100 CABLEVISION SYSTEMS CORP -0.616661342 -0.601148793 -0.51090122 -0.813966937 -0.458348859 -0.58552894 882 OHA150 WARNER CABLE COMMUNICATION -0.044529148 -0.039196729 -0.125527968 -0.010314679 -0.104811853 -0.84169365 901 OHA300 V CABLE INC -0.385112578 -0.739893652 -0.558495626 -0.783158118 -0.460845034 <td>891</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	891							
901 NYS810 COOKE CABLEVISION OF SYRACU -0.694251611 0.005135367 -0.163783618 -0.656568964 -0.097945175 -0.995447784 891 NYV400 CABLEVISION INDUSTRIES LP 2.337847638 1.214915751 0.157595241 1.961237976 0.144892741 110.1311246 891 NYW030 CABLEVISION INDUSTRIES LP -0.277836286 -0.637491564 -0.451484795 -1 -0.497852345 -1 882 NYW720 CABLEVISION INDUSTRIES LP 0.151406128 -0.214714359 -0.46314681 -1 -0.504818018 -0.657887616 901 NYY100 CABLEVISION SYSTEMS CORP -0.616661342 -0.601148793 -0.51090122 -0.813966937 -0.458348859 -0.58552894 882 OHA150 WARNER CABLE COMMUNICATION -0.044529148 -0.039196729 -0.125527968 -0.010314679 -0.104811853 -0.84169365 901 OHA300 V CABLE INC -0.385112578 -0.739893652 -0.558495626 -0.783158118 -0.460845034 -0.912823284	901	NYO400 TKR CABLE COMPANY				-0.813966937		
891 NYV400 CABLEVISION INDUSTRIES LP 2.337847638 1.214915751 0.157595241 1.961237976 0.144892741 110.1311246 891 NYW030 CABLEVISION INDUSTRIES LP -0.277836286 -0.637491564 -0.451484795 -1 -0.497852345 -1 882 NYW720 CABLEVISION INDUSTRIES LP 0.151406128 -0.214714359 -0.46314681 -1 -0.504818018 -0.657887616 901 NYY100 CABLEVISION SYSTEMS CORP -0.616661342 -0.601148793 -0.51090122 -0.813966937 -0.458348859 -0.58552894 882 OHA150 WARNER CABLE COMMUNICATION -0.044529148 -0.039196729 -0.125527968 -0.010314679 -0.104811853 -0.84169365 901 OHA300 V CABLE INC -0.385112578 -0.739893652 -0.558495626 -0.783158118 -0.460845034 -0.912823284	891							·
891 NYW030 CABLEVISION INDUSTRIES LP -0.277836286 -0.637491564 -0.451484795 -1 -0.497852345 -1 882 NYW720 CABLEVISION INDUSTRIES LP 0.151406128 -0.214714359 -0.46314681 -1 -0.504818018 -0.657887616 901 NYY100 CABLEVISION SYSTEMS CORP -0.616661342 -0.601148793 -0.51090122 -0.813966937 -0.458348859 -0.58552894 882 OHA150 WARNER CABLE COMMUNICATION -0.044529148 -0.039196729 -0.125527968 -0.010314679 -0.104811853 -0.84169365 901 OHA300 V CABLE INC -0.385112578 -0.739893652 -0.558495626 -0.783158118 -0.460845034 -0.912823284	901							
882 NYW720 CABLEVISION INDUSTRIES LP 0.151406128 -0.214714359 -0.46314681 -1 -0.504818018 -0.657887616 901 NYY100 CABLEVISION SYSTEMS CORP -0.616661342 -0.601148793 -0.51090122 -0.813966937 -0.458348859 -0.58552894 882 OHA150 WARNER CABLE COMMUNICATION -0.044529148 -0.039196729 -0.125527968 -0.010314679 -0.104811853 -0.84169365 901 OHA300 V CABLE INC -0.385112578 -0.739893652 -0.558495626 -0.783158118 -0.460845034 -0.912823284	891					1.961237976		
901 NYY100 CABLEVISION SYSTEMS CORP -0.616661342 -0.601148793 -0.51090122 -0.813966937 -0.458348859 -0.58552894 882 OHA150 WARNER CABLE COMMUNICATION -0.044529148 -0.039196729 -0.125527968 -0.010314679 -0.104811853 -0.84169365 901 OHA300 V CABLE INC -0.385112578 -0.739893652 -0.558495626 -0.783158118 -0.460845034 -0.912823284	891	NYW030 CABLEVISION INDUSTRIES LP						· · · · · · · · · · · · · · · · · · ·
882 OHA150 WARNER CABLE COMMUNICATION -0.044529148 -0.039196729 -0.125527968 -0.010314679 -0.104811853 -0.84169365 901 OHA300 V CABLE INC -0.385112578 -0.739893652 -0.558495626 -0.783158118 -0.460845034 -0.912823284	882	*******				· ·		
901 OHA300 V CABLE INC -0.385112578 -0.739893652 -0.558495626 -0.783158118 -0.460845034 -0.912823284	901							
	882							
891 OHC090 WARNER CABLE COMMUNICATION -0.058854818 -0.052882606 -0.303953846 -0.135373451 -0.247380877 -0.522876093	901							
	891	OHC090 WARNER CABLE COMMUNICATION	-0.058854818	-0.052882606	-0.303953846	-0.135373451	-0.247380877	-0.522876093

892	OHC090 WARNER CABLE COMMUNICATION	-0.010983111	0.472167671	0.564148055	0.064950897	0.429329991	1.949514241
882	OHC660 UNITED VIDEO CABLEVISION INC	-0.928087038	-0.159606819	-0.119467167	0	-0.080233945	-0.444943705
891	OHC660 UNITED VIDEO CABLEVISION INC	-0.001334424	0.165334109	0.050793041	0.425493491	-0.09097244	63.59775128
902	OHC660 UNITED VIDEO CABLEVISION INC	-0.582783113	-0.596055006	-0.544895636	-0.153002646	-0.48426674	-0.564829027
891	OHE150 TCI CABLEVISION OF OHIO INC	-0.618341849	-0.314881474	-0.237805763	-0.364778571	-0.236312868	-0.338034529
901	OHE550 V CABLE INC	-0.614306209	-0.86376508	-0.574383927	-0.771798754	-0.444961497	-0.510372688
891	OHK200 CONTINENTAL CABLEVISION INC	1.056525064	0.87691666	0.430442768	0.513998288	0.41388747	-0.340864731
892	OHK200 CONTINENTAL CABLEVISION INC	-0.506977444	-0.340118913	-0.317391779	-0.340368817	-0.234883105	-0.652611046
882	OHM18 TCI CABLEVISION OF OHIO INC	0.11719907	-0.075676828	-0.21931635	-0.037560654	-0.170316564	-0.76534285
901	OHM26 WARNER CABLE COMMUNICATION	-0.599919246	-0.567455297	-0.538029586	-0.219640525	-0.461066683	-0.658038776
901	OHM50 ARMSTRONG UTILITIES 'NC	-0.257918057	-0.418959135	-0.162932273	0.357125168	-0.02409102	0.736740192
902	OHO200 ARMSTRONG UTILITIES INC	1.367420367	0.28553939	0.650714099	4.947054154	0.596919571	0.866970849
891	OHP080 COX CABLE CLEVELAND AREA	-0.414735356	-0.639289497	-0.644125968	-0.38414825	-0.506829794	-0.147155027
901	OHP080 COX CABLE CLEVELAND AREA	-0.054549383	1.151482206	1.30160087	1.051135521	0.955996401	0.885174957
892	OHS520 CONTINENTAL CABLEVISION INC	-0.035319023	0.024883405	-0.137849334	-0.035770154	0.007205228	-0.432720262
901	OHS740 CENTURY OHIO CABLE TELEVISIO	-0.100411606	-0.224587342	-0.156137568	-0.526086754	-0.180853971	-0.033297682
882	OKB240 MULTIMEDIA CABLEVISION INC	-0.98599638	-0.00921814	-0.490952082	0	-0.36105593	-0.950726214
891	OKD150 TAR RIVER COMMUNICATIONS INC	0.053545038	0.036459148	-0.482359921	-0.026040165	-0.359448636	-0.952103038
892	OKD150 MULTIMEDIA CABLEVISION INC	0.083287961	0.002398047	0.962885183	0	0.572247164	13.34720601
901	OKD150 MULTIMEDIA CABLEVISION INC	0.47421876	-0.034026439	-0.479246886	0.071044405	-0.379057015	-0.945555702
891	OKE100 MULTIMEDIA CABLEVISION INC	0.317773685	0.036459148	-0.482359921	-0.026040165	-0.359448636	-0.952103038
891	OKM480 MULTIMEDIA CABLEVISION INC	0.00668934	0.036459148	-0.482359921	-0.026040165	-0.359448636	-0.952103038
891	OKN250 MULTIMEDIA CABLEVISION INC	0.110079056	0.036459148	-0.482359921	-0.026040165	-0.359448636	-0.952103038
901	OKO840 COX CABLE OF OKLAHOMA CITY IN	-0.756396641	-0.20387055	-0.468080126	-0.111643648	-0.369208348	-0.898361368
882	OKO880 HARTE-HANKS CABLE COMM INC	0.131499256	-0.008512006	-0.331359569	0	-0.266623378	-0.912561325
892	OKO880 COMMUNICATIONS SERVICES INC	0.18507912	-0.452163785	-0.289269967	-0.396325332	-0.323629096	-0.076203813
901	OKT400 TULSA CABLE TELEVISION INC	-0.439991991	-0.20387055	-0.468080126	-0.111643648	-0.369208348	-0.898361368
891	OKY400 MULTIMEDIA CABLEVISION INC	-0.029008864	0.036459148	-0.482359921	-0.026040165	-0.359448636	-0.952103038
892	ORB050 COOKE CABLEVISION INC	0.03237447	-0.187803798	-0.109021574	0	-0.090369203	0
901	ORB050 TCI OF OREGON INC	0.150086112	0.289624727	0.158081933	-0.48756072	0.137305397	-0.031128401
882	ORC050 CANBY TELEPHONE ASSOCIATION	-0.551006637	-0.454723167	-0.451087404	-0.210679475	-0.34312544	0
901	ORE500 TCI CABLEVISION OF OREGON INC	-0.07478535	-0.474887322	-0.132300412	-0.323098939	-0.104217451	-0.048918916
902	ORE500 TCI CABLEVISION OF OREGON INC	-0.343064789	-0.335325206	-0.281663326	-0.335842958	-0.288272461	-0.068449101
901	ORG500 TCI OF OREGON INC	-0.026558669	-0.070004238	-0.062157478	-0.492464222	-0.049452863	-0.198508999
902	ORG500 TCI OF OREGON INC	-0.159026341	-0.031598886	-0.270182326	0	-0.229949029	-0.531545899

901	ORK200 TCI OF OREGON INC	-0.073300754	-0.070004238	-0.062157478	-0.492464222	-0.049452863	-0.198508999
902	ORK200 TCI OF OREGON INC	-0.168521483	-0.031598886	-0.270182326	0	-0.229949029	-0.531545899
902	ORR500 FALCON COMMUNICATIONS CORP	-0.310180525	-0.743107353	-0.466989332	-0.452921107	-0.405897901	-0.585239964
882	PAC080 RAYSTAY COMPANY	-0.516784448	-0.511132096	-0.181815299	-0.462806413	-0.208820991	-0.016392988
902	PAC080 RAYSTAY COMPANY	-0.309927399	-0.14356966	-0.421239975	-0.294666528	-0.412924162	-0.21754708
892	PAC310 CHESTER COUNTY BROADCASTIN	-0.59417832	-0.096962597	-0.240797716	-0.518644387	-0.187724545	-0.997103647
901	PAC490 TCI OF PENNSYLVANIA INC	-0.7281848	0.012008356	-0.288271261	-0.355707977	-0.299034974	-0.573139999
882	PAD080 TELE-MEDIA CO OF LUZERNE CO	1.757844561	0.445340802	0.205957153	0.743051768	0.302535384	0.210932804
892	PAD440 CMA CABLEVISION ASSOCIATES V	0.04756512	-0.272271099	-0.141603937	-0.001885675	-0.121993361	-0.066063959
902	PAD440 TELE-MEDIA CO	-0.159434078	-0.064250042	-0.244200028	-0.245736949	-0.211731943	-0.077761915
901	PAE270 SAMMONS COMM OF NEW JERSEY	-0.009517916	0.172089314	-0.031393546	0.165833479	-0.057514607	-0.01975612
901	PAE540 ARMSTRONG UTILITIES INC	-0.361501736	-0.418959135	-0.162932273	0.357125168	-0.02409102	0.736740192
892	PAG450 G S COMMUNICATIONS	-0.632245108	-0.292240823	-0.397269099	-0.51939363	-0.393452994	-0.571326801
901	PAH240 SAMMONS COMMUNICATIONS INC	-0.161608086	-0.189592008	-0.098377246	-0.457258082	-0.043129743	-0.923831839
901	PAH330 UCA CORP	-0.766721565	-0.157889226	-0.220215415	-0.678770622	-0.159866974	-0.997798084
901	PAH360 UCA CORP	-0.766208419	-0.157889226	-0.220215415	-0.678770622	-0.159866974	-0.997798084
882	PAH450 SERVICE ELECTRIC CABLE TV INC	0.566329297	0.168373989	0.08304413	-0.410790544	0.021463864	0.156934404
892	PAJ800 AMERICAN TV & COMMUNICATION	0.021490648	-0.007119537	-0.320341463	-0.063035275	-0.331294408	-0.585063674
901	PAJ800 AMERICAN TV & COMMUNICATION	-0.173172608	-0.208458936	-0.106216957	0.377419442	-0.001335315	0.259559336
902	PAJ800 AMERICAN TV & COMMUNICATION	0.015958485	0.287696997	0.171633054	-0.500778472	0.049643214	-0.183257091
891	PAK250 CLEAR CHANNELS CABLE TV CO	0.033635726	3.919717512	3.040381519	1.207998261	2.057465904	1.13115894
891	PAK400 KEYSTONE CABLE TV INC	1.287114986	0.153551548	0.176228425	0.832110911	0.100064634	70.67525778
882	PAM140 HELICON GROUP LTD	2.837583523	0.233730876	0.149542057	0.033095925	0.110074517	2.094614438
891	PAN660 NEWTOWN CABLEVISION	-0.528415035	-0.296120544	-0.440720631	1.018122438	-0.547874111	65.58467293
882	PAN840 CABLEVISION OF PENNSYLVANIA	0.413595239	0.540723969	0.316533288	1.03642949	0.456455213	0.347696494
901	PAN840 CABLEVISION OF PENNSYLVANIA	-0.124649522	0.24378718	0.09215962	-0.135356756	0.181995784	-0.994186005
902	PAN840 CABLEVISION OF PENNSYLVANIA	0.025770914	-0.139694667	0.060084435	-0.494778174	0.089094967	-0.216434578
882	PAN900 SUBURBAN CABLE TV CO INC	-0.597420794	-0.350954473	-0.240429385	-0.508944452	-0.313401476	-0.257993172
892	PAN900 SUBURBAN CABLE TV CO INC	0.055404227	0.322539894	0.38143258	0.46732325	0.681435634	0.002675439
901	PAN900 SUBURBAN CABLE TV CO INC	-0.430195794	-0.157889226	-0.220215415	-0.678770622	-0.159866974	-0.997798084
901	PAP050 SUBURBAN CABLE TV CO INC	-0.378746761	0.113725094	0.07721983	-0.528652665	0.412629608	-0.997792193
882	PAP270 SUBURBAN CABLE TV CO INC	-0.599352628	-0.350954473	-0.240429385	-0.508944452	-0.313401476	-0.257993172
902	PAP270 SUBURBAN CABLE TV CO INC	0.003423764	-0.110770292	-0.06573768	-0.017619188	0.004389347	-0.298196858
901	PAP420 MONTGOMERY CABLEVISION	0.010351083	-0.048980678	-0.369160676	-0.689832183	-0.345435816	-0.999214121
901	PAR160 AMERICAN TV & COMMUNICATION	-0.465509737	-0.639054688	-0.374885849	-0.868782889	-0.239716352	-0.998581543

902	PAR240 TCI OF PENNSYLVANIA INC	-0.251446955	-0.564005173	-0.288720792	-0.385790733	-0.241337578	-0.065365147
892	PAR480 CHIODO, FRANK	0.117356434	-0.549942822	-0.555883652	-0.477828552	-0.50088055	-0.5856493
901	PAR480 CHIODO, FRANK	0.021381803	1.151482206	1.30160087	1.051135521	0.955996401	0.885174957
902	PAS440 SHEN HEIGHTS TV ASSOCIATES IN	-0.012131627	-0.097464442	-0.154199825	-0.157399052	-0.208272941	-0.01687063
891	PAS740 MONTGOMERY CABLEVISION	0.044575308	-0.060890467	-0.483479469	1.018122438	-0.545779223	81.88768485
901	PAS740 MONTGOMERY CABLEVISION	0.016545577	0.113725094	0.07721983	-0.528652665	0.412629608	-0.997792193
882	PAU500 SUBURBAN CABLE TV CO INC	-0.596986084	-0.288294875	-0.303416974	-0.348174443	-0.333529054	-0.527730373
901	PAW775 CENTURY LYKENS CABLE CORP	-0.407821361	-0.896662226	-0.272255642	-0.038128621	-0.14461698	-0.075669128
882	PAW800 EASTERN TELECOM CORP	0.313847612	1.121848696	1.235936395	0.789249767	1.03149432	1.117434496
892	PAW800 EASTERN TELECOM CORP	0.264908803	-0.549942822	-0.555883652	-0.477828552	-0.50088055	-0.5856493
901	PAW800 EASTERN TELECOM CORP	-0.023144454	1.151482206	1.30160087	1.051135521	0.955996401	0.885174957
892	PAY100 YORK CABLE TELEVISION INC	-0.190224674	-0.114107605	-0.42016128	-0.084743424	-0.351911699	-0.363690686
901	PAY100 YORK CABLE TELEVISION INC	-0.476645799	-0.506684677	-0.532379029	-0.723124159	-0.476944115	-0.981874009
901	RIE200 CABLE TV OF EAST PROVIDENCE	-0.338614953	0.176950957	0.126233775	-0.424736566	0.221213718	-0.982659374
891	RIP500 RHODE ISLAND CATV CORP	0.081615987	0.006699766	-0.487305013	0.604662759	-0.544096918	62.70615042
891	SCL600 HORRY TELEPHONE COOPERATIV	-0.665367824	0.398282608	-0.327760661	-0.207352079	-0.261514244	0.912737292
882	SDH500 MIDCONTINENT CABLE SYSTEMS	1.165798142	1.420692327	1.580885064	0.588960136	1.044410167	1.215034475
892	SDH500 MIDCONTINENT CABLE SYSTEMS	-0.178715495	-0.434878909	-0.252110406	-0.082510132	-0.25161848	-0.29281387
901	SDH500 MIDCONTINENT CABLE SYSTEMS	-0.281477635	-0.376543335	-0.479210338	0.06635423	-0.379038804	-0.664775285
902	SDR250 TCI CBV OF SOUTH DAKOTA	-0.276182014	-0.53353108	-0.634052479	1.260624906	-0.358053344	-0.932964715
891	TNC330 CENCOM CABLE INCOME PARTNE	-0.185589434	-0.42958467	-0.441822371	-0.231233512	-0.34147304	-0.027942326
891	TNG200 GERMANTOWN CABLEVISION ASS	2.744866924	-0.42958467	-0.441822371	-0.231233512	-0.34147304	-0.027942326
891	TNM610 DANIELS COMMUNICATION PARTN	-0.592816085	-0.42958467	-0.441822371	-0.231233512	-0.34147304	-0.027942326
882	TXA280 SCOTT CABLE COMMUNICATIONS I	-0.940375831	-0.434875343	-0.22980898	-0.443286449	-0.316696974	-0.255451803
891	TXA280 SCOTT CABLE COMMUNICATIONS I	0.106707813	1.077451267	0.303700331	0.672957636	0.460911495	4.427240939
891	TXB160 TCI CABLEVISION OF TEXAS INC	-0.523916583	-0.059474938	0.136135645	-0.35521948	0.107563518	-0.451038012
892	TXK520 TIMES MIRROR CATV-KERRVILLE	3.625691052	1.221939897	1.251662218	0.915079814	1.003528415	1.413414531
902	TXM420 UNITED VIDEO CABLEVISION INC	-0.798971883	-0.202044619	-0.465294686	-0.263301433	-0.351261341	-0.63562316
891	TXO680 TCI CABLEVISION OF TEXAS INC	-0.527689482	-0.059474938	0.136135645	-0.35521948	0.107563518	-0.451038012
891	TXP400 TCI CABLEVISION OF TEXAS INC	-0.527700722	-0.059474938	0.136135645	-0.35521948	0.107563518	-0.451038012
902	TXP460 FALCON TELECABLE	-0.591654558	9.110017285	2.379952436	6.871416643	1.62173919	3.099751207
901	TXT225 TIMES MIRROR CATV-TEXARKANA	-0.630136188	0.010128931	-0.434003616	-0.222371218	-0.35150031	-0.77430532
902	TXW050 CABLEVISION INVESTORS INC	-0.077032566	-0.903273795	-0.126147781	-0.063968332	-0.100940288	0
882	TXW390 VISTA CABLEVISION INC	-0.345467807	-0.07660268	-0.325067393	-0.206849825	-0.261545496	-0.040142881
901	TXW390 VISTA CABLEVISION INC	-0.10367713	-0.034026439	-0.479246886	0.071044405	-0.379057015	-0.945555702

891	UTP400 TCI CABLEVISION OF UTAH INC	-0.293489758	-0.529194166	-0.548387464	-0.491425983	-0.499624991	-0.597227223
892	VAB520 TELE-MEDIA CO OF VIRGINIA	-0.003421791	-0.548821508	-0.437261927	-0.210752364	-0.333891299	-0.034202278
882	VAC390 CHESTERFIELD CABLEVISION INC	-0.642347224	-0.288294875	-0.303416974	-0.348174443	-0.333529054	-0.527730373
891	VAC390 CHESTERFIELD CABLEVISION INC	0.118172385	-0.198522941	-0.198691888	0.179405255	-0.011919479	1.05826845
891	VAC510 SCOTT CABLE COMMUNICATIONS I	-0.350520084	-0.650404413	-0.614601224	-0.163146567	-0.521573698	-0.719157444
882	VAF080 MEDIA GENERAL INC	-0.867749982	-0.713362723	-0.529691032	-0.382682727	-0.522380495	-0.535783869
891	VAF080 MEDIA GENERAL INC	2.091473473	0.784619961	0.35425594	0.373197829	0.310304853	1.156642561
901	VAH050 WARNER CABLE COMMUNICATION	-0.72945605	-0.824695509	-0.743383039	-0.757864047	-0.655304094	-0.981451965
901	VAH350 CONTINENTAL CBV OF VIRGINIA	-0.658231476	-0.123916867	-0.360801399	-0.728857696	-0.319617177	-0.883737689
901	VAN250 NEWPORT NEWS CABLEVISION LT	-0.42566002	-0.232259968	-0.115346341	0.665884978	-0.045931911	-0.203651791
902	VAN250 NEWPORT NEWS CABLEVISION LT	-0.378235053	-0.026138733	-0.429501304	-0.135597209	-0.36475251	-0.917384009
891	VAP650 COLUMBIA ASSOCIATES LP	-0.512657423	-0.573186675	-0.462669318	-0.206160922	-0.402790106	-0.763351154
891	VAP700 COLUMBIA ASSOCIATES LP	2.582672417	-0.394795885	-0.237992154	-0.118200035	-0.19713947	-0.074264537
901	VAR700 COX CABLE ROANOKE INC	-0.209125053	-0.248515609	-0.172883951	0.926916363	-0.073794227	-0.431197266
901	VAS160 BOOTH AMERICAN COMPANY	-0.196829104	-0.248515609	-0.172883951	0.926916363	-0.073794227	-0.431197266
902	VAS840 FALCON CABLE MEDIA	-0.342122313	0.162378009	-0.056678914	0.979328581	-0.081806426	0.276217623
901	VAV800 COX CABLE HAMPTON ROADS INC	-0.23641173	-0.075733158	-0.098535059	0.568666995	-0.045361587	-0.195799285
902	WAP400 PORT TOWNSEND CABLE TV LTD	-0.079302699	-1	-1	-1	-1	-1
901	WAS075 SEACOM CABLE TV LP	-0.495523824	-0.86376508	-0.574383927	-0.771798754	-0.444961497	-0.510372688
892	WIM250 INGERSOLL INDUSTRIES INC	-0.536202288	-0.548821508	-0.437261927	-0.210752364	-0.333891299	-0.034202278
892	WIM530 INGERSOLL INDUSTRIES INC	-0.691649459	-0.589319325	-0.609846144	-0.279263092	-0.517461439	-0.208800194
902	WIS160 CABLE TV FUND 14-A	-0.735471483	-0.578141951	-0.418121932	-0.244474734	-0.329348783	-0.134809549
891	WVC330 TELE-MEDIA CO	0.973994821	1.219670728	1.273676509	0.742657407	1.036604642	1.05826845
901	WVH650 CENTURY HUNTINGTON COMPANY	-0.332246189	0.53942893	0.229424626	-0.219644734	0.33678589	-0.99496864
901	WVK250 ARMSTRONG UTILITIES INC	-0.358464826	0.191411466	-0.0442817	0.435105363	-0.040532451	-0.67948396
882	WYC500 TCI CABLEVISION OF WYOMING IN	0.021733388	0.576679979	0.157832628	0	0.130702077	0.435054953
882	WYJ200 COOKE CABLEVISION INC	0.038319657	0.402370288	-0.051905691	0	-0.03650202	0.311668593
882	WYR400 TCI CABLEVISION OF WYOMING IN	-0.025818111	0.643777322	0.206595811	0	0.206555963	0.527244999

THIS FORM IS EFFECTIVE FOR ACCOUNTING PERIODS BEGINNING JANUARY 1, 1989. Note: This form may also be used for the filing periods January 1985 through December 1988.
If you need to file for an earlier period, contact the Licensing Division.)

for Secondary Transmissions by Cable Systems (Short Form)

General Instructions are at the end of this form [pages (i)-(vi)].

FOR COPYRIGHT O	FFICE USE ONLY
DATE RECEIVED	AMOUNT
LICEISING DIVISION AUG 3 1 1989 RECEIVED	REMITTANCE NUMBER

rt Form)

n to: NSING DIVISION PRIGHT OFFICE RY OF CONGRE INGTON, DC 205 707-8150

Accounting Period	AC	COUNTING PERIOD COVERED Manuary 1-June 30,1989	BY THIS STATEM	IENT: (Check one of the boxes and fill in the year July 1-December 31,	r date.)				
® Owner	chang	RUCTIONS: Your file is established under the name on the ges, draw a line through the incorrect informat FALABEL IS NOT ATTACHED, give the fugive the full corporate title of the subsidiary, non line 2, list any other name or names under water the substance of the subsidiary.	ion and print or type the oune ill legal name of the owner to that of the parent corpo which the owner conducts	oration. the business of the cable system.	below. If there are an iary of another corpora				
ATTACH LABEL HERE	= 1 c	LEGAL NAME OF OWNER OF CABLE S	YSTEM: Check h	ere if this is the system's first filing.	·				
	⇒3°			x Suño Numbor) State, ZIP Codo)					
System	INSTRUCTIONS: In line 1, give any business or trade names used to identify the business and operation of the system unless these names already appear in space B. In line 2, give the mailing address of the system, if different from the address given in space B.								
	1	1 IDENTIFICATION OF CABLE SYSTEM: King Videocable Company							
	MAILING ADDRESS OF CABLE SYSTEM: 2 P.O. Box 490 (Number, Street, Rural Route, Apartment or Suite Number) San Andreas, CA 95249 (City, Town, State, ZIP Code)								
Aroa Sorvod	"	TRUCTIONS: List each separate community of a separate and distinct community or municipe unincorporated areas.") 47 C.F.R. §76.5(mm wn as the "First Community." Please use	al entity (including diffice	n. A "community" is the same as a "community unit" orporated communities within unincorporated areas that you list will corve as a form of system idunity on all future filings.	'as defined in FCC rule and including single, di lentification hereafte				
	c	OMMUNITY (CITY OR TOWN)	STATE	COMMUNITY (CITY OR TOWN)	STATE				
First Community		Arnold Hathaway Pines Avery	CA CA	•					
1	1			 	1				

EGAL NAME OF OWNER OF CABLE SYSTEM: Give the name exactly as it appears in space B, line 1 (page 1).

King Videocable Company - Arnold

Namo 4

SECONDARY TRANSMISSION SERVICE: SUBSCRIBERS AND RATES

In General: The information in space E should cover all categories of "secondary transmission service" of the cable system: that is, the retransmission of television and radio broadcasts by your system to subscribers. Give information about other services (including pay cable) in space F, not here. All the facts you state must be those existing on the last day of the accounting period (June 30 or December 31, as the case may be).

Number of Subscribers: Both blocks in space E call for the number of subscribers to the cable system, broken down by categories of secondary transmission service. In general, you can compute the number of "subscribers" in each category by counting the number of billings in that category (the number of persons or organizations charged separately for the particular service at the rate indicated—not the number of sets receiving service).

Rate: Give the standard rate charged for each category of service. Include both the amount of the charge and the unit in which it is generally billed. (Example: "\$8 mth"). Summarize any standard rate variations within a particular rate category, but do not include discounts allowed for advance payment.

Block 1: In the left-hand block in space E. the form lists the categories of secondary transmission service that cable systems most commonly provide to their subscribers. Give the number of subscribers and rate for each listed category that applies to your system. **Note:** Where an individual or organization is receiving service that falls under different categories, that person or entity should be counted as a "subscriber" in each applicable category. Example: a residential subscriber who pays extra for cable service to additional sets would be included in the count under "Service to First Set," and would be counted once again under "Service to Additional Set(s)."

Block 2: If your cable system has rate categories for secondary transmission service that are different from those printed in block 1, (for example, tiers of services which include one or more secondary transmissions), list them, together with the number of subscribers and rates, in the right-hand block. A two or three word description of the service is sufficient.

linee word description of the out-							
BLOC	CK 1		BLOCK 2				
CATEGORY OF SERVICE	NO. OF SUBSCRIBERS	RATE	CATEGORY OF SERVICE	NO. OF SUBSCRIBERS	RATE		
Residential:		/mo.					
• Service to First Set	2907 1188	14.25 3.10					
Service to First Set							
Commontor		l		4	,,,,,,,		
Residential					A		

SERVICES OTHER THAN SECONDARY TRANSMISSIONS: RATES

In General: Space F calls for rate (not subscriber) information with respect to all your cable system's services that were not covered in space E. That is, those services that are not offered in combination with any secondary transmission service for a single fee. There are two exceptions, you do not need to give rate information concerning: (1) services furnished at cost; and (2) services or facilities furnished to nonsubscribers. Rate information should include both the amount of the charge and the unit in which it is usually billed. If any rates are charged on a variable per-program basis, enter only the letters "PP" in the rate column.

Block 1: Give the standard rate charged by the cable system for each of the applicable services listed.

Block 2: List any services that your cable system furnished or offered during the accounting period that were not listed in block 1 and for which a separate charge was made or established. List these other services in the form of a brief (two or three word) description, and include the rate for each.

	BLOCK 2			
CATEGORY OF SERVICE	OCK 1 CATEGORY OF SERVICE	RATE	CATEGORY OF SERVICE	RATE
Continuing Services: Pay Cable see block 2	Non Regidential		HBO/Disney	/mo. .12.70
Pay Cable—Add'l Channel • Fire Protection	 Commercial			
Burglar Protection Installation: Residential	o Pay Cable—Add'l Channel			
First Set	Other Services:			
• FM Radio (if separate rate)	• Reconnect	20.00		,



Socondary Trans mission Sorvico: Subscribor: and Ratos



Services
Other Than
Secondary
Transmissions:
Rates

Mamo

LEGAL NAME OF OWNER OF CABLE SYSTEM: Give the name exactly as it appears in space B, line 1 (page 1).

King Videocable Company-Arnold



Primary Transmittors Television

INSTRUCTIONS:

General: In space G, identify every television station (including translator stations and low power television stations) carried by your cable system d ing the accounting period, except: (1) stations carried only on a part-time basis under FCC rules and regulations in effect on June 24, 1981 permitting t carriage of certain network programs [sections 76.59(d)(2) and (4), 76.61(e)(2) and (4) or 76.63 (referring to 76.61(e)(2) and (4))]; and (2) certain static carried on a substitute program basis, as explained in the next paragraph.

Substitute Basis Stations: With respect to any distant stations carried by your cable system on a substitute program basis under specific FCC rul regulations, or authorizations:

• Do not list the station here in space G—but do list it in space I (the Special Statement Program Log)—if the station was carried only on a substitu basis.

• List the station here, and also in space I, if the station was carried both on a substitute basis and also on some other basis. For futher information concerning substitute basis stations, see page (v) of the General Instructions.

Column 1: List each station's call sign.

Column 2: Give the number of the channel on which the station's broadcasts are carried in its own community. This may be different from the chanon which your cable system carried the station.

Column 3: Indicate in each case whether the station is a network station, an independent station, or a noncommercial educational station, by enter. the letter "N" (for network), "I" (for independent) or "E" (for noncommercial educational). For the meaning of these terms, see page (iv) of the Gene

Column 4: Give the location of each station. For U.S. stations, list the community to which the station is licensed by the FCC. For Mexican or Canada stations, if any, give the name of the community with which the station is identified.

stations, it arry, g.v.			The state of the s
1. CALL SIGN	2. B'CAST CHANNEL	3. TYPE OF	4. LOCATION OF STATION
	NUMBER	STATION	1. 可可達的自然的 (2014年) 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
KTVU	2		Oakland/San Francisco, CA
KCRA	3	N	Sacramento, CA
KVIE	6	.E	Sacramento, CA
KXTV	10	N	Sacramento, CA
KOVR	13	N	Sacramento, CA
WTBS	17		Atlanta, GA
KCSO	19		Modesto, CA
KRBK	31	!	Sacramento, CA
KICU	36	!	San Jose, CA
KTXL	40	1	Sacramento, CA
		,	
			•
			2
			r
			•
İ	1	1	

LEGAL NAME OF OWNER OF CABLE SYSTEM: Give the name exactly as it appears in space B, line 1 (page 1).

King Videocable Company - Arnold

Namo

Primary Radio

MARY TRANSMITTERS: RADIO

In General: List every radio station carried on a separate and discrete basis and list those FM stations carried on an all-band basis whose signals were "generally receivable" by your cable system during the accounting period.

Special Instructions Concerning All-Band FM Carriage: Under Copyright Office Regulations, an FM signal is "generally receivable" if: (1) "it is Transmittor carried by the system whenever it is received at the system's headend"; and (2) it can be **expected**, on the basis of monitoring, to be received at the headend, with the system's FM antenna, during certain stated intervals. For detailed information about the Copyright Office Regulations on this point, see page (iv) of the General Instructions.

Column 1: Identify the call sign of each station carried.

Column 2: State whether the station is AM or FM.

Column 3: If the radio station's signal was electronically processed by the cable system as a separate and discrete signal, indicate this by placing a check

mark in the "S/D" column. Column 4: Give the station's location (the community to which the station is licensed by the FCC or, in the case of Mexican or Canadian stations, if any, the community with which the station is identified).

		S/D	LOCATION OF STATION	CALL SIGN	AM or FM	ט/ט	LOCATION OF STATION
KABL	FM		San Francisco, CA		.:		
KBAY	FM	<u>.</u>	San Jose, CA				
KCTC	FM		Sacramento, CA				
KEWT	FM		Sacramento, CA			. 1,54.	
KFBK	FM		Sacramento, CA	33,		. v. 2	
KFRC	FM		San Francisco, CA			# 25 c	
KIOI	FM		San Francisco, CA				
KJAX	FM		Stockton, CA	1	3."		
KNGT	FM		Jackson, CA		3		
KSAN	FM	1	San Francisco, CA	*	19,219	ļ	
KSFM	FM	ļ · · · · ·	Sacramento, CA		3.	l	
KSTN	FM		Stockton, CA		1 . 7	١	1
jÖΡ	FM		Stockton, CA	*		l.::	
KWIN	FM	·	Lodi, CA	white & it.		1	
NIIII		· · · · ·					
		•		7	1	1	
				3. (e)			
				A		,	
						1	in the second se
	.[
							,
• • • • • • • • • • • • • • • • • • • •		.l	1		.		
,		1					
	1	1			1		
	• • • • • • • • • • • • • • • • • • • •						
				I	<u>.</u>		
	•				1		
• • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •			1	T	J;	
	.}	.		1		l	
		.		1 · · · · · · · · · · · · · · · · · · ·			I
		$\cdot \cdots $		∦		1	T
		$\cdot \cdot \cdot \cdot$			1	· ····	
					1		
					1	.	
						` ```	
						.	
						.	
	1	.				.	*
	1	.]				$\cdot \cdot \cdot \cdot$	
		.	.]			$\cdot \cdot \cdot \cdot$	
· · · · · · · · · · · · · · · · · · ·	1	1	1			.	
	.1	.1		11	1	.	

ž-2	Namo
Ħ	Namo

LEGAL NAME OF OWNER OF CABLE SYSTEM: Give the name exactly as it appears in space B, line 1 (page 1). King Videocable Company - Arnold



Substituto Carriago: Special Statomont and Program Log

GENERAL:

In space I, identify every nonnetwork television program, broadcast by a distant station, that your cable system carried on a substitute basis during t accounting period, under specific present and former FCC rules, regulations, or authorizations. For a further explanation of the programming that must included in this log, see page (v) of the General Instructions.

1. SPECIAL STATEMENT CONCERNING SUBSTITUTE CARRIAGE:

· During the accounting period, did your cable system carry, on a substitute basis, any nonnetwork television program broadcast by a distant station?

Note: If your answer is "No", leave the rest of this page blank. If your answer is "Yes", you must complete the program log in block 2.

2. LOG OF SUBSTITUTE PROGRAMS:

In General: List each substitute program on a separate line. Use abbreviations wherever possible, if their meaning is clear. If you need more spa please attach additional pages.

Column 1: Give the title of every nonnetwork television program ("substitute program") that, during the accounting period, was broadcast by a dist station and that your cable system substituted for the programming of another station under certain FCC rules, regulations, or authorizations. See page (v the General Instructions for further information. Do not use general categories like "movies" or "basketball." List specific program titles, for example, "ILa Lucy" or "NBA Basketball: 76ers vs. Bulls".

Column 2: If the program was broadcast live, enter "Yes". Otherwise enter "No".

Column 3: Give the call sign of the station broadcasting the substitute program.

Column 4: Give the broadcast station's location (the community to which the station is licensed by the FCC or, in the case of Mexican or Canad stations, if any, the community with which the station is identified).

Column 5: Give the month and day when your system carried the substitute program. Use numerals, with the month first. Example: for May 7 g Star St "5/7".

Column 6: State the times when the substitute program was carried by your cable system. List the times accurately to the nearest five minutes. Example 1. a program carried by a system from 6:01:15 p.m. to 6:28:30 p.m. should be stated as "6:00-6:30 p.m."

Column 7: Enter the letter "R" if the listed program was substituted for programming that your system was required to delete under FCC rules a regulations in effect during the accounting period; or enter the letter "P" if the listed program was substituted for programming that your system was permit to delete under FCC rules and regulations in effect on October 19, 1976.

SU	BSTITUTE	PROGRAM		1	SUBSTITUTE SE OCCURRED	7. REASON FOR DELETIO
1. TITLE OF PROGRAM	2. LIVE? Yes or No	3. STATION'S CALL SIGN	4. STATION'S LOCATION	5. MONTH AND DAY	6. TIMES FROM TO	DELETIO
			,			
	• • • • • • • • • • • • • • • • • • • •				<u> </u>	
					<u> </u>	
		l				
]			<u>+</u>	ļ
					······	
					······	
					······ <u> </u>	
					·····-	
					I	}
.,					Т	
		·····				
		······			<u> </u>	
	• • • • • • • • • • • • • • • • • • • •	1				
	• • • • • • • • • • • • • • • • • • • •	1			<u> </u>	
		1		 		
		1		<u> </u>	<u>+</u>	
]		[]	 	
]			·····	
!				II	I	

7. TOTAL ROYALTY FEE PAYABLE FOR ACCOUNTING PERIOD......

Foe

	LEGAL NAME OF OWNER OF CABLE SYSTEM: Give the name exactly as it appears in space 8, line 1 (page 1).
Name	King Videocable Company - Arnold
M Channels	CHANNELS INSTRUCTIONS: You must give: (1) the number of channels on which the cable system carried television broadcast stations to its subscribers; a (2) the cable system's total number of activated channels, during the accounting period.
	1. Enter the total number of channels on which the cable system carried television broadcast stations
	2. Enter the total number of activated channels on which the cable system carried television broadcast stations and nonbroadcast services
(\aleph)	INDIVIDUAL TO BE CONTACTED IF FURTHER INFORMATION IS NEEDED: (Identify an individual to whom we can or call about this Statement of Account.)
Contact	
	Name Christine W. Hughes Telephone (206) 448-3670
	Address P.O. Box 24525 (Number, Street, Rural Route, Apartment or Suite Number)
	Seattle, WA 98124 (City, Town, State, ZIP Code)
(a)	CERTIFICATION: (This Statement of Account must be certified and signed in accordance with Copyright Office Regulations, as explained General Instructions.)
Cortification	
	(Owner other than corporation or partnership) I am the owner of the cable system as identified in line 1 of space B: or
	(Agent of owner other than corporation or partnership) I am the duly authorized agent of the owner of the cable system as identified I of space B, and that owner is not a corporation or partnership; or
	(Officer or partner) I am an officer (if a corporation) or a partner (if a partnership) of the legal entity identified as owner of the cable sys line 1 of space B.
	o I have examined this Statement of Account and hereby declare under penalty of law that all statements of fact contained herein are true, con and correct to the best of my knowledge, information, and belief, and are made in good faith. [18 U.S.C., Section 1001(1986)]
	Handwritten signature: (X) Unitine W. Hughes
	Typed or printed name: Christine W. Hughes
	Title: Vice President Finance (Title of official position held in corporation or partnership)
	Date: August 31, 1989



THIS FORM IS EFFECTIVE FOR ACCOUNTING PERIODS BEGINNING JANUARY 1, 1989.

(Note: This form may also be used for the filing periods January 1985 through December 1988. If you need to file for an earlier period, contact the Licensing Division.)

USE THIS FORM WHEN:

- o You are the owner (or represent the owner) of a cable system; and
- o You are filing the semiannual Statement of Account required by the copyright law; and
- o Your system's semiannual "gross receipts for secondary transmissions" (the figure you give in space K of the form) is less than \$292,000; and
- o You are also depositing the required semiannual royalty fee with the Licensing Division of the Copyright Office.

IF YOUR FIGURE FOR SEMIANNUAL "GROSS RECEIPTS" IN SPACE K IS \$292,000 OR MORE, USE SA3 (LONG FORM)

GENERAL INSTRUCTIONS FOR SA1-2 (SHORT FORM)

Cable Systems and the Copyright Law (P.L. 94-553)

Cable systems are subject to copyright liability for their use of copyrighted material in "secondary transmissions" (the retransmission of television and radio broadcasts to subscribers). Cable retransmissions of copyrighted programming are subject to a system of "compulsory licensing." Among other things this means that twice a year the owner of a cable system must send a Statement of Account, together with a royalty fee, to the Licensing Division of the Copyright Office.

"Primary Transmissions" and "Secondary Transmissions"

In providing copyright liability for cable systems, the law draws a distinction between "primary transmissions" and "secondary transmissions":

- o "Primary Transmissions": These include broadcasts by radio and television stations to the public that are retransmitted by cable systems to their subscribers.
- o "Secondary Transmissions": This is the basic service of retransmitting television and radio broadcasts to subscribers. The statute requires all U.S. cable systems, regardless of how many subscribers they have or whether they are carrying any distant signals, to pay some copyright royalties. However, instead of obliging cable systems to bargain individually for each copyrighted program they retransmit, the law offers them the opportunity of obtaining a "compulsory license" for secondary transmissions.

Note: "Secondary transmissions" do not include transmissions originated by a cable system (including local origination cablecasting, pay cable, program services, background music services, and originations on leased or access channels). Cable systems must pegotiate for the use of any copyrighted material

How to File the Statement of Account and Royalty Fee

First: Study the general information on these pages and read through the detailed instructions in the Statement of Account form itself. Before you start completing the form, make sure that you have collected all of the necessary information and that you are using the right form.

Second: Fill out the Statement of Account form, giving all of the required information about your cable system and about the television and radio stations carried by it. Use a typewriter, or print the information in dark ink.

Third: Certify the Statement of Account by signing at space O. The Statement of Account is not acceptable unless it bears the handwritten signature of one of the persons indicated in space O as authorized to certify it under Copyright Office Regulations.

Fourth: Obtain a certified check, cashier's check, or money order, in the amount you have calculated in space L, to cover the copyright royalty fee. Payment in any other form (such as personal or company checks) will be returned. The remittance should be payable to: Register of Copyrights. Do not send cash.

Fifth: Send the completed Statement of Account, together with the copyright royalty fee, to: Licensing Division, Copyright Office, Library of Congress, Washington, D.C. 20557.

Sixth:

The Copyright Office will retain your Statement of Account and make it a part of our public records. You should therefore keep a copy of the entire Statement, as filed, in case you need it for future

THIS FORM IS EFFECTIVE FOR ACCOUNTING PERIODS BEGINNING JANUARY 1, 1989. If you are filing for a prior accounting period, contact the Licensing Division for the correct form.

STATEMENT OF ACCOUNT for Secondary Transmissions by Cable Systems (Short Form)

General Instructions are at the end of this form [pages (i)-(vi)].

FOR COPYRIGHT O	FFICE USE ONLY
DATE RECEIVED	AMOUNT
LICENSING DIVISION	\$2,156.66 (AD)
FEB 2 8 1990	REMITTANCE NUMBER
RECEIVED	207010

SA1-2 (Short Form) Return to: LICENSING DIVISIC COPYRIGHT OFFIC LIBRARY OF CONG WASHINGTON, DC: (202) 707-8150

(A)						il.	į.
100	ACCOL	JNTING PER	IOD COVERF	D RV TMIS CT	ATERATION	ш	
Accounting Period	19 🗆 🕽	January 1-June 30),(Year)	· DI IMISSI	AIEMENT: (Ch X July 1-D	eck one of the boxes and fill in ecember 31	the year date)
	INSTRUCT		(Teal)			(Year)	
(B) Owner	Your fil	le is established	nder the name on th				
Owner	changes, dr	aw a line through	the incorrect inform	ne peel off address la	ibel. Please attach	this label in the space indi ation beside the label.	cated helow If those
	IF A L	ABEL IS NOT AT	TACHED, give the	full legal name of th	pe the correct inform	ation beside the label.	outed below. If there
	In line	2. list any other na	le of the subsidiary,	full legal name of the not that of the parer	it corporation.	ation beside the label. ystem in line 1. If the owner is a	subsidiary of another c
			and of marries filles	Which the owner or	nt corporation. Onducts the business o	of the cable system.	
۱۳		L MAME OF OV	WNER OF CABLE	SYSTEM: \square C	heck here if this is the	system's first filing	
#	1 1	05033			89/		
ATTAGU	BUSI	NES KING V	/IDEOCABLE	COMPANY	0 37		
ATTACH LABEL	2	(AREA:	ARNOLD.	CA)		2	
HERE		P. O.	BOX 24525	,			
	MAIL	ING SEATTL	E, WA 98	1124			
1	ł J						
13	-3 >	• • • •					
						,	
				(City.	Town, State, ZIP Code)		
©	INSTRUCTION	ONS: In line 1 giv	o anu husia				
System	in space B. In	line 2. give the ma	ailing address of the	de names used to ide	entify the business and rom the address giver	d operation of the system unless	these names alread
Cystem					om the address giver	n in space B.	mese names already ap
ľ	1 IDENT	IFICATION OF	CABLE SYSTEM:				
	1	King Vide	eocable Com	pany			
	MATTER			-			
	MAILIN	G ADDRESS O	F CABLE SYSTEM	И:			
1	2	P.O. Box	490				
į		San Andre	eas, CA 95	249 Street Bur	al Pouto Approximation	e Number)	
				(Tambol) Glidel, Mark	a noute. Apartment or Suit	te Number)	
				(City, 7	fown, State, ZIP Code)		
	INSTRUCTIO)NS: List each sep	arate community co-				
(D) Area	INSTRUCTIC	ONS: List each sep and distinct comm	arate community sei nunity or municipal	rved by the cable sus	tem A "community"	is the same as a "community u	nit" as defined in FCC r
Area Served	INSTRUCTIC a separate rete unincorpo known as the	ONS: List each seperand distinct commorated areas.") 47	narate community sen nunity or municipal C.F.R. §76.5(mm).	rved by the cable sys entity (including uni	tem. A "community"	is the same as a "community unities within unincorporated are	nit" as defined in FCC r
served	known as the	"First Commun	nity." Please use it	rved by the cable sys entity (including uni	tem A "community"	is the same as a "community un nities within unincorporated are Il serve as a form of system re filings.	nit" as defined in FCC r ias and including single identification herea
Served	known as the	"First Commun	nity." Please use it	rved by the cable sys entity (including uni The first commun t as the First Com	tem. A "community" ncorporated commur ity that you list wil munity on all futur	Il serve as a form of system re filings.	identification herea
served	known as the	"First Commun	nity." Please use it	rved by the cable sys entity (including uni	tem. A "community" ncorporated commur ity that you list wil munity on all futur	Il serve as a form of system re filings.	identification herea
First >	COMMUN Arno	"First Commun	onity." Please use in DR TOWN)	rved by the cable sys entity (including uni The first commun t as the First Com STATE	tem. A "community" ncorporated commur ity that you list wil munity on all futur	is the same as a "community unities within unincorporated are ill serve as a form of system e filings. TY (CITY OR TOWN)	identification herea
First >	COMMUN Arno Hatha	"First Commun NTY (CITY O Id away Pines	onity." Please use in DR TOWN)	rved by the cable sys entity (including uni The first commun t as the First Com STATE	tem. A "community" ncorporated commur ity that you list wil munity on all futur	Il serve as a form of system re filings.	identification herea
First >	COMMUN Arno Hatha	"First Commun	onity." Please use in DR TOWN)	rved by the cable sys entity (including uni The first commun t as the First Com STATE CA CA	tem. A "community" ncorporated commur ity that you list wil munity on all futur	Il serve as a form of system re filings.	identification herea
First >	COMMUN Arno Hatha	"First Commun NTY (CITY O Id away Pines	onity." Please use in DR TOWN)	rved by the cable sys entity (including uni The first commun t as the First Com STATE	tem. A "community" ncorporated commur ity that you list wil munity on all futur	Il serve as a form of system re filings.	identification herea
First >	COMMUN Arno Hatha	"First Commun NTY (CITY O Id away Pines	onity." Please use in DR TOWN)	rved by the cable sys entity (including uni The first commun t as the First Com STATE CA CA	tem. A "community" ncorporated commur ity that you list wil munity on all futur	Il serve as a form of system re filings.	identification herea
First >	COMMUN Arno Hatha	"First Commun NTY (CITY O Id away Pines	onity." Please use in DR TOWN)	rved by the cable sys entity (including uni The first commun t as the First Com STATE CA CA	tem. A "community" ncorporated commur ity that you list wil munity on all futur	Il serve as a form of system re filings.	identification herea
First >	COMMUN Arno Hatha	"First Commun NTY (CITY O Id away Pines	onity." Please use in DR TOWN)	rved by the cable sys entity (including uni The first commun t as the First Com STATE CA CA	tem. A "community" ncorporated commur ity that you list wil munity on all futur	Il serve as a form of system re filings.	identification herea
First >	COMMUN Arno Hatha	"First Commun NTY (CITY O Id away Pines	onity." Please use in DR TOWN)	rved by the cable sys entity (including uni The first commun t as the First Com STATE CA CA	tem. A "community" ncorporated commur ity that you list wil munity on all futur	Il serve as a form of system re filings.	identification herea
served	COMMUN Arno Hatha	"First Commun NTY (CITY O Id away Pines	onity." Please use in DR TOWN)	rved by the cable sys entity (including uni The first commun t as the First Com STATE CA CA	tem. A "community" ncorporated commur ity that you list wil munity on all futur	Il serve as a form of system re filings.	identification herea
First	COMMUN Arno Hatha	"First Commun NTY (CITY O Id away Pines	onity." Please use in DR TOWN)	rved by the cable sys entity (including uni The first commun t as the First Com STATE CA CA	tem. A "community" ncorporated commur ity that you list wil munity on all futur	Il serve as a form of system re filings.	identification herea
First	COMMUN Arno Hatha	"First Commun NTY (CITY O Id away Pines	onity." Please use in DR TOWN)	rved by the cable sys entity (including uni The first commun t as the First Com STATE CA CA	tem. A "community" ncorporated commur ity that you list wil munity on all futur	Il serve as a form of system re filings.	identification herea
First >	COMMUN Arno Hatha	"First Commun NTY (CITY O Id away Pines	onity." Please use in DR TOWN)	rved by the cable sys entity (including uni The first commun t as the First Com STATE CA CA	tem. A "community" ncorporated commur ity that you list wil munity on all futur	Il serve as a form of system re filings.	identification herea

LEGAL NAME OF OWNER OF CABLE SYSTEM: Give the name exactly as it appears in space B, line 1 (page 1).

King Videocable Company-Arnold

Namo

CONDARY TRANSMISSION SERVICE: SUBCOMMENT AND DARKS

In General: The information in space E should cover all categories of "secondary transmission service" of the cable system: that is, the retransmission of television and radio broadcasts by your system to subscribers. Give information about other services (including pay cable) in space F, not here. All the facts you state must be those existing on the last day of the accounting period (June 30 or December 31, as the case may be).

Ξ

Number of Subscribers: Both blocks in space E call for the number of subscribers to the cable system, broken down by categories of secondary transmission service. In general, you can compute the number of "subscribers" in each category by counting the number of billings in that category (the number of persons or organizations charged separately for the particular service at the rate indicated—not the number of sets receiving service).

Socondary Transmission Service: Subscribers and Rates

Rate: Give the standard rate charged for each category of service. Include both the amount of the charge and the unit in which it is generally billed. (Example: "\$8/mth"). Summarize any standard rate variations within a particular rate category, but do not include discounts allowed for advance payment.

Block 1: In the left-hand block in space E, the form lists the categories of secondary transmission service that cable systems most commonly provide to their subscribers. Give the number of subscribers and rate for each listed category that applies to your system. Note: Where an individual or organization is receiving service that falls under different categories, that person or entity should be counted as a "subscriber" in each applicable category. Example: a residential subscriber who pays extra for cable service to additional sets would be included in the count under "Service to First Set," and would be counted once again under "Service to Additional Set(s)."

Block 2: If your cable system has rate categories for secondary transmission service that are different from those printed in block 1, (for example, tiers of services which include one or more secondary transmissions), list them, together with the number of subscribers and rates, in the right-hand block. A two or three word description of the service is sufficient.

BLOG	CK 1	BLOCK 2				
CATEGORY OF SERVICE	NO. OF SUBSCRIBERS	RATE	CATEGORY OF SERVICE	NO. OF SUBSCRIBERS	RATE	
Residential:		/mo.				
• Service to First Set	2983	14.95				
Service to First SetService to Additional Set(s)	1204	3.25				
• FM Radio (if separate rate)	• • • • • • • • • • • • • • • • • • • •				• • • • • • • • • •	
ter, moter			<u> </u>	1		
Sommercial]		
Converter			••••••			
• Residential		l	į]		
Non-Residential		 	• • • • • • • • • • • • • • • • • • • •			

SERVICES OTHER THAN SECONDARY TRANSMISSIONS: RATES

In General: Space F calls for rate (not subscriber) information with respect to all your cable system's services that were not covered in space E. That is, those services that are not offered in combination with any secondary transmission service for a single fee. There are two exceptions, you do not need to give rate information concerning: (1) services furnished at cost; and (2) services or facilities furnished to nonsubscribers. Rate information should include both the amount of the charge and the unit in which it is usually billed. If any rates are charged on a variable per-program basis, enter only the letters "PP" in the rate column.



Block 1: Give the standard rate charged by the cable system for each of the applicable services listed.

Block 2: List any services that your cable system furnished or offered during the accounting period that were not listed in block 1 and for which a separate charge was made or established. List these other services in the form of a brief (two or three word) description, and include the rate for each.

	BLOCK 2				
CATEGORY OF SERVICE	RATE	CATEGORY OF SERVICE	RATE	CATEGORY OF SERVICE	RATE
Continuing Services: Pay Cable See block 2 Pay Cable—Add'l Channel Fire Protection Burglar Protection Illation: Residential First Set Additional Set(s) FM Radio (if separate rate) Converter	55.00 15.00	Commercial Pay Cable Pay Cable Pay Cable—Add'l Channel Fire Protection Burglar Protection Cher Services: Reconnect Disconnect Outlet Relocation	35.00 15.00	.HBO./Disney	



Services Other Than Secondary Transmissions: Rates

Name	LEGAL NAME (OF OWNER OF CABLE	SYSTEM: Give the no	Oxedty as it appears in a vitage of the control of the control oxed oxed oxed oxed oxed oxed oxed oxed	FORM SA1-2.						
	<u> </u>	<u> </u>	King	Orecompany - Arnold Videocable Company - Arnold	207010						
(G)	INSTRUCTIO	NS:									
rimary	ing the accounti	n space G, identity evo ng period, except: (1	ery television station) stations carried on	(including translator stations and low power television by on a part-time basis under FCC rules and regulation and (4), 76.61(e)(2) and (4) or 76.63 (referring to 76.63)	stations) carried by your cable sus						
nsmitters levision		in network programs stitute program basis,			is in effect on June 24, 1981 perm						
MOAIRION	Substitute regulations, or a	Basis Stations: Wi	as explained in the th respect to any dis	next paragraph. tant stations carried by your cable system on a substitu	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
	• Do not	utnonzations: t list the station here in	space G-but & lis	t it in space I (the Sp ecial Statement Program Log)—if	ite program basis under specific F(
	basis. • List the	station here, and also	in space Lifthous	if	the station was carried only on a si						
	• List the station here, and also in space I, if the station was carried both on a substitute basis and also on some other basis. Column 1: List each station's call sign.										
		Column 1: List each station's call sign. Column 2: Give the purples of the discount of the di									
	on which your ca	able system carried the	station.	nthe station's broadcasts are carried in its own commur	nity. This may be different from the						
j		Column 3: Indicate in each case whether the station is a network station, an independent station, or a noncommercial educational station, by enstructions. Column 4: Circuit 1. In the contraction of the station is a network station, an independent station, or a noncommercial educational station, by enstructions.									
	stations, if any, give	ve the name of the co	h station. For U.S. si mmunity with which	tations, list the community to which the station is licens	ed by the FCC. For Mexican or Ca						
	1. CALL	2. B'CAST									
	SIGN	CHANNEL	U 01	4. LOCATION OF STATION							
-		NUMBER	STATION								
	KCRA	3	N	Sacramento, CA							
.	KVIE	6	E	Sacramento, CA	• • • • • • • • • • • • • • • • • • • •						
.	KXTV	10	N	Sacramento, CA							
	KOVR	13	N								
· .	WTBS	17	1	Sacramento, CA							
	KCSO	19		Atlanta, GA							
	KRBK	31		Modesto, CA							
	KTXL			Sacramento, CA	•••••						
ŀ	KSCH	40		Sacramento, CA							
	.vach	58		Sacramento, CA							
	••••••			***************************************							
	• • • • • • • • • • • • • • • • • • • •			***************************************	************						
		• • • • • • • • • • • • • • • • • • • •			********************						
					••••••••••						
			· &								
	.,		•••••••••••••••••••••••••••••••••••••••		*******						
			······································		************						
	• • • • • • • • • • • • • • • • • • • •	•••••••••••	•••••••		*******						
	•••••••			***************************************							
				***************************************	•••••						
1	1	1	1								

......

LEGAL NAME OF OWNER OF CABLE SYSTEM: Give the name exactly as it appears in space B, line 1 (page 1). King Videocable Company-Arnold

Name

RIMARY TRANSMITTERS: RADIO

In General: List every radio station carried on a separate and discrete basis and list those FM stations carried on an all-band basis whose signals were

 (\mathbb{H})

Radio

'generally receivable' by your cable system during the accounting period.

Special Instructions Concerning All-Band FM Carriage: Under Copyright Office Regulations, an FM signal is "generally receivable" if: (1) "it is Transmittors: carried by the system whenever it is received at the system's headend": and (2) it can be expected, on the basis of monitoring, to be received at the headend. with the system's FM antenna, during certain stated intervals. For detailed information about the Copyright Office Regulations on this point, see page (iv) of the General Instructions.

Column 1: Identify the call sign of each station carried.

Column 2: State whether the station is AM or FM.

Column 3: If the radio station's signal was electronically processed by the cable system as a separate and discrete signal, indicate this by placing a check mark in the "S D" column.

Column 4: Give the station's location (the community to which the station is licensed by the FCC or, in the case of Mexican or Canadian stations, if any. the community with which the station is identified).

CALL CICK!	AM	CID	LOCATION OF CTATION	LOALL CICE:	437	A	LOCATION OF CHATCH
	<u> </u>	15/D	LOCATION OF STATION	CALL SIGN	AM or FM	S/D	LOCATION OF STATION
KABL	FM		San Francisco, CA				1
KBAY	FM	ļ	San Jose, CA				
KCTC	FM		Sacramento, CA				
KEW.T	FM		Sacramento, CA	ļ			
KFBK	FM		Sacramento, CA	ļ			
KFRC	FM	<i>.</i> .	San Francisco, CA	ļ			
KIOI	FM	ļ	San Francisco, CA				
KJAX	FM		Stockton, CA				
KNGT	FM		Jackson CA	[
KSAN	FM	<u>.</u>	Jackson, CA San Francisco, CA				
KSFM	FM	.	Sacramento, CA				
KSTN	FM	l	Stockton, CA				
KUOP	FM	l	Stockton, CA				
KW1.N	FM	[Lodi, CA				
				[
							• • • • • • • • • • • • • • • • • • • •
				• • • • • • • • • • • • • • • • • • • •		• • • • •	• • • • • • • • • • • • • • • • • • • •
				• • • • • • • • • • • • • • • • • • • •			• • • • • • • • • • • • • • • • • • • •
				• • • • • • • • • • • • • • • • • •			····
						• • • • •	•••••••
				• • • • • • • • • • • • • • • • • • • •			• • • • • • • • • • • • • • • • • • • •
							• • • • • • • • • • • • • • • • • • • •
							• • • • • • • • • • • • • • • • • • • •
							• • • • • • • • • • • • • • • • • • • •
							• • • • • • • • • • • • • • • • • • • •
			• • • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •
			• • • • • • • • • • • • • • • • • • • •			••••	• • • • • • • • • • • • • • • • • • • •
			• • • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •
					• • • • • • • • • • • • • • • • • • • •	• • • • • •	
			• • • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • • •	• • • • •	• • • • • • • • • • • • • • • • • • • •
					• • • • • • • • • • • •		• • • • • • • • • • • • • • • • • • • •
						• • • •	• • • • • • • • • • • • • • • • • • • •
					• • • • • • • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
					• • • • • • • • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •
			• • • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •
••••••	• • • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • • •	• • • • •	•••••
	• • • • • • • • • • • •		• • • • • • • • • • • • • • • • • • • •			• • • • •	• • • • • • • • • • • • • • • • • • • •
· · · · · · · · · · · · · · · · · · ·			• • • • • • • • • • • • • • • • • • • •				• • • • • • • • • • • • • • • • • • • •
		• • • • •	• • • • • • • • • • • • • • • • • • • •			•••••	
· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · ·	• • • • •	·····				
· · · · · · · · · · · · · · · · · · ·			• • • • • • • • • • • • • • • • • • • •				
		· · · · · ·					
<i></i>							

Namo	LEGAL NAME OF OWNER OF CABLE	SYSTEM: G	live the name ever	tly as it assess				FOR	M SA1-2. P											
	Ki	ing Vid	leocable C	ompany-Arno	e B, line 1 i	(page 1).	_													
	GENERAL:							701	<u> </u>											
stituto	In space I, identify every nonnets	work televis	sion program h																	
riago: ocial omont	In space I, identify every nonnets accounting period, under specific pre included in this log, see page (v) of t	esent and for the General	rmer FCC rules. r Instructions.	padcast by a distant star regulations, or authoriza	ition, that y ations. Fo	your cable syste r a further expla	m carried on a anation of the	substitu program	ite basis duri iming that m											
nd gram og	SPECIAL STATEMENT CONC During the accounting period, program broadcast by a distar		SUBSTITUTE (CARRIAGE:	anu nonn	o*														
								X: No	•											
	Note: If your answer is "No", leave 12. LOG OF SUBSTITUTE PROCES	the rest of th	his page blank. If	your answer is "Yes",	you mus	t complete the t	program log ir	n block 2												
	In General: List each substitute please attach additional pages.	program or	n a separate line.	Use abbreviations whe	erever pos	ssible, if their m	eaning is clear	r. If you r	need more o											
	Column 1: Give the title of every station and that your cable system subs the General Instructions for further infor Lucy" or "NBA Basketball: 76ers vs. F	nonnetwork stituted for the ormation. Do Bulls''	k television progra ne programming c not use general c	am ("substitute progran of another station under ategories like "movies"	m"lthat d	lumin — 4b — —														
	2. If the program was b	proadcast live	e antor "Vas" A	41			ome program t	nnes' ioi e	example, ''] [
ļ	or of the call sign of t	the station h	1702 dan ali 11	•																
	Column 4: Give the broadcast stations, if any the community with	lation's locat	tion (the commun	nity to which the station	n is licansa	d b # - TOO														
	stations, if any, the community with wh Column 5: Give the month and a	nich the stati day when w	ion is identified).	,	, is neerise	d by life FCC	or, in the case	of Mexic	can or Cana											
1	"5/7".	day when yo	our system carrie	d the substitute prograi	m. Use nı	ımerals, with th	e month first.	Example	5/7". Sive the month and day when your system carried the substitute program. Use numerals, with the month first. Financial () No. 7											
	a program carried by a system from 6:(hesubstitute 01:15 p.m. t	program was can to 6:28:30 p.m. s	ried by your cable syste hould be stated as "6.1	m. List the	e times accurate	ly to the neare	st five min	nutes. Exam											
1 t	a program carried by a system from 6:0 Column 7: Enter the letter "R" if regulations in effect during the accounting to delete under FCC rules and regulation	he substitute 01:15 p.m. t the listed pr ng period; or ons in effect	program was can to 6:28:30 p.m. s	ried by your cable syste hould be stated as "6.1	m. List the	e times accurate o.m.'' r system was re tuted for progra WHEN	ly to the neare	est five min ete under our systen	nutes. Exam r FCC rules n was permi											
t	a program carried by a system from 6:0 Column 7: Enter the letter "R" if regulations in effect during the accounting to delete under FCC rules and regulation	he substitute 01:15 p.m. t the listed pr ng period; or ons in effect	program was can to 6:28:30 p.m. s rogram was subst enter the letter "I on October 19, 1 PROGRAM	ried by your cable syste hould be stated as "6:1 ituted for programming or if the listed program v 1976.	em. List the 00-6:30 p g that you was substi	e times accurate o.m.'' r system was re tuted for progra WHEN CARRIAG	ly to the neare equired to delemming that you SUBSTITUT GE OCCURR 6. TIME	est five minete under our system	nutes. Exam r FCC rules n was permi 7. REASON FOR											
t	a program carried by a system from 6:0 Column 7: Enter the letter "R" if regulations in effect during the accounting to delete under FCC rules and regulations of the system of the sys	the substitute 01:15 p.m. the listed progression of the listed progression on the listed properties of the listed propert	program was can to 6:28:30 p.m. s ogram was subst enter the letter "I on October 19, 1 PROGRAM 3. STATION'S	ried by your cable syste hould be stated as "6.1	em. List the 00-6:30 p g that you was substi	e times accurate o.m.'' r system was re tuted for progra WHEN CARRIAG	ly to the neare equired to dele mming that yo SUBSTITUT GE OCCURR	est five minete under our system	nutes. Exam r FCC rules n was permi 7. REASON											
t	a program carried by a system from 6:0 Column 7: Enter the letter "R" if regulations in effect during the accounting to delete under FCC rules and regulations of the system of the sys	the substitute 01:15 p.m. the listed progression of the listed progression on the listed properties of the listed propert	program was can to 6:28:30 p.m. s ogram was subst enter the letter "I on October 19, 1 PROGRAM 3. STATION'S	ried by your cable syste hould be stated as "6:1 ituted for programming or if the listed program v 1976.	em. List the 00-6:30 p g that you was substi	e times accurate o.m.'' r system was re tuted for progra WHEN CARRIAG	ly to the neare equired to delemming that you SUBSTITUT GE OCCURR 6. TIME	est five minete under our system	nutes. Exam r FCC rules n was permi 7. REASON FOR											
	a program carried by a system from 6:0 Column 7: Enter the letter "R" if regulations in effect during the accounting to delete under FCC rules and regulations of the system of the sys	the substitute 01:15 p.m. the listed progression of the listed progression on the listed properties of the listed propert	program was can to 6:28:30 p.m. s ogram was subst enter the letter "I on October 19, 1 PROGRAM 3. STATION'S	ried by your cable syste hould be stated as "6:1 ituted for programming or if the listed program v 1976.	em. List the 00-6:30 p g that you was substi	e times accurate o.m.'' r system was re tuted for progra WHEN CARRIAG	ly to the neare equired to delemming that you SUBSTITUT GE OCCURR 6. TIME	est five minete under our system	nutes. Exam r FCC rules n was permi 7. REASON FOR											
1 t	a program carried by a system from 6:0 Column 7: Enter the letter "R" if regulations in effect during the accounting to delete under FCC rules and regulations of the system of the sys	the substitute 01:15 p.m. the listed progression of the listed progression on the listed properties of the listed propert	program was can to 6:28:30 p.m. s ogram was subst enter the letter "I on October 19, 1 PROGRAM 3. STATION'S	ried by your cable syste hould be stated as "6:1 ituted for programming or if the listed program v 1976.	em. List the 00-6:30 p g that you was substi	e times accurate o.m.'' r system was re tuted for progra WHEN CARRIAG	ly to the neare equired to delemming that you SUBSTITUT GE OCCURR 6. TIME	est five minete under our system	nutes. Exam r FCC rules n was permi 7. REASON FOR											
1 t	a program carried by a system from 6:0 Column 7: Enter the letter "R" if regulations in effect during the accounting to delete under FCC rules and regulations of the system of the sys	the substitute 01:15 p.m. the listed progression of the listed progression on the listed properties of the listed propert	program was can to 6:28:30 p.m. s ogram was subst enter the letter "I on October 19, 1 PROGRAM 3. STATION'S	ried by your cable syste hould be stated as "6:1 ituted for programming or if the listed program v 1976.	em. List the 00-6:30 p g that you was substi	e times accurate o.m.'' r system was re tuted for progra WHEN CARRIAG	ly to the neare equired to dele mming that yo SUBSTITUT GE OCCURR. 6. TIME FROM	est five minete under our system	nutes. Exam r FCC rules n was permi 7. REASON FOR											
t	a program carried by a system from 6:0 Column 7: Enter the letter "R" if regulations in effect during the accounting to delete under FCC rules and regulations of the system of the sys	the substitute 01:15 p.m. the listed progression of the listed progression on the listed properties of the listed propert	program was can to 6:28:30 p.m. s ogram was subst enter the letter "I on October 19, 1 PROGRAM 3. STATION'S	ried by your cable syste hould be stated as "6:1 ituted for programming or if the listed program v 1976.	em. List the 00-6:30 p g that you was substi	e times accurate o.m.'' r system was re tuted for progra WHEN CARRIAG	ly to the neare equired to dele mming that yo SUBSTITUT GE OCCURR. 6. TIME FROM	est five minete under our system	nutes. Exam r FCC rules n was permi 7. REASON FOR											
	a program carried by a system from 6:0 Column 7: Enter the letter "R" if regulations in effect during the accounting to delete under FCC rules and regulations of the system of the sys	the substitute 01:15 p.m. the listed progression of the listed progression on the listed properties of the listed propert	program was can to 6:28:30 p.m. s ogram was subst enter the letter "I on October 19, 1 PROGRAM 3. STATION'S	ried by your cable syste hould be stated as "6:1 ituted for programming or if the listed program v 1976.	em. List the 00-6:30 p g that you was substi	e times accurate o.m.'' r system was re tuted for progra WHEN CARRIAG	ly to the neare equired to dele mming that yo SUBSTITUT GE OCCURR. 6. TIME FROM	est five minete under our system	nutes. Exam r FCC rules n was permi 7. REASON FOR											
	a program carried by a system from 6:0 Column 7: Enter the letter "R" if regulations in effect during the accounting to delete under FCC rules and regulations of the system of the sys	the substitute 01:15 p.m. the listed progression of the listed progression on the listed properties of the listed propert	program was can to 6:28:30 p.m. s ogram was subst enter the letter "I on October 19, 1 PROGRAM 3. STATION'S	ried by your cable syste hould be stated as "6:1 ituted for programming or if the listed program v 1976.	em. List the 00-6:30 p g that you was substi	e times accurate o.m.'' r system was re tuted for progra WHEN CARRIAG	ly to the neare equired to dele mming that yo SUBSTITUT GE OCCURR. 6. TIME FROM	est five minete under our system	nutes. Exam r FCC rules n was permi 7. REASON FOR											
	a program carried by a system from 6:0 Column 7: Enter the letter "R" if regulations in effect during the accounting to delete under FCC rules and regulations of the system of the sys	the substitute 01:15 p.m. the listed progression of the listed progression on the listed properties of the listed propert	program was can to 6:28:30 p.m. s ogram was subst enter the letter "I on October 19, 1 PROGRAM 3. STATION'S	ried by your cable syste hould be stated as "6:1 ituted for programming or if the listed program v 1976.	em. List the 00-6:30 p g that you was substi	e times accurate o.m.'' r system was re tuted for progra WHEN CARRIAG	ly to the neare equired to dele mming that yo SUBSTITUT GE OCCURR. 6. TIME FROM	est five minete under our system	nutes. Exam r FCC rules n was permi 7. REASON FOR											
	a program carried by a system from 6:0 Column 7: Enter the letter "R" if regulations in effect during the accounting to delete under FCC rules and regulations of the system of the sys	the substitute 01:15 p.m. the listed progression of the listed progression on the listed properties of the listed propert	program was can to 6:28:30 p.m. s ogram was subst enter the letter "I on October 19, 1 PROGRAM 3. STATION'S	ried by your cable syste hould be stated as "6:1 ituted for programming or if the listed program v 1976.	em. List the 00-6:30 p g that you was substi	e times accurate o.m.'' r system was re tuted for progra WHEN CARRIAG	ly to the neare equired to dele mming that yo SUBSTITUT GE OCCURR. 6. TIME FROM	est five minete under our system	nutes. Exam r FCC rules n was permi 7. REASON FOR											
	a program carried by a system from 6:0 Column 7: Enter the letter "R" if regulations in effect during the accounting to delete under FCC rules and regulations of the system of the sys	the substitute 01:15 p.m. the listed progression of the listed progression on the listed properties of the listed propert	program was can to 6:28:30 p.m. s ogram was subst enter the letter "I on October 19, 1 PROGRAM 3. STATION'S	ried by your cable syste hould be stated as "6:1 ituted for programming or if the listed program v 1976.	em. List the 00-6:30 p g that you was substi	e times accurate o.m.'' r system was re tuted for progra WHEN CARRIAG	ly to the neare equired to dele mming that yo SUBSTITUT GE OCCURR. 6. TIME FROM	est five minete under our system	nutes. Exam r FCC rules n was permi 7. REASON FOR											
	a program carried by a system from 6:0 Column 7: Enter the letter "R" if regulations in effect during the accounting to delete under FCC rules and regulations of the system of the sys	the substitute 01:15 p.m. the listed progression of the listed progression on the listed properties of the listed propert	program was can to 6:28:30 p.m. s ogram was subst enter the letter "I on October 19, 1 PROGRAM 3. STATION'S	ried by your cable syste hould be stated as "6:1 ituted for programming or if the listed program v 1976.	em. List the 00-6:30 p g that you was substi	e times accurate o.m.'' r system was re tuted for progra WHEN CARRIAG	ly to the neare equired to dele mming that yo SUBSTITUT GE OCCURR. 6. TIME FROM	est five minete under our system	nutes. Exam r FCC rules n was permi 7. REASON FOR											
	a program carried by a system from 6:0 Column 7: Enter the letter "R" if regulations in effect during the accounting to delete under FCC rules and regulations of the system of the sys	the substitute 01:15 p.m. the listed progression of the listed progression on the listed properties of the listed propert	program was can to 6:28:30 p.m. s ogram was subst enter the letter "I on October 19, 1 PROGRAM 3. STATION'S	ried by your cable syste hould be stated as "6:1 ituted for programming or if the listed program v 1976.	em. List the 00-6:30 p g that you was substi	e times accurate o.m.'' r system was re tuted for progra WHEN CARRIAG	ly to the neare equired to dele mming that yo SUBSTITUT GE OCCURR. 6. TIME FROM	est five minete under our system	nutes. Exam r FCC rules n was permi 7. REASON FOR											
	a program carried by a system from 6:0 Column 7: Enter the letter "R" if regulations in effect during the accounting to delete under FCC rules and regulations of the system of the sys	the substitute 01:15 p.m. the listed progression of the listed progression on the listed properties of the listed propert	program was can to 6:28:30 p.m. s ogram was subst enter the letter "I on October 19, 1 PROGRAM 3. STATION'S	ried by your cable syste hould be stated as "6:1 ituted for programming or if the listed program v 1976.	em. List the 00-6:30 p g that you was substi	e times accurate o.m.'' r system was re tuted for progra WHEN CARRIAG	ly to the neare equired to dele mming that yo SUBSTITUT GE OCCURR. 6. TIME FROM	est five minete under our system	nutes. Exam r FCC rules n was permi 7. REASON FOR											
	a program carried by a system from 6:0 Column 7: Enter the letter "R" if regulations in effect during the accounting to delete under FCC rules and regulations of the system of the sys	the substitute 01:15 p.m. the listed progression of the listed progression on the listed properties of the listed propert	program was can to 6:28:30 p.m. s ogram was subst enter the letter "I on October 19, 1 PROGRAM 3. STATION'S	ried by your cable syste hould be stated as "6:1 ituted for programming or if the listed program v 1976.	em. List the 00-6:30 p g that you was substi	e times accurate o.m.'' r system was re tuted for progra WHEN CARRIAG	ly to the neare equired to dele mming that yo SUBSTITUT GE OCCURR. 6. TIME FROM	est five minete under our system	nutes. Exam r FCC rules n was permi 7. REASON FOR											
	a program carried by a system from 6:0 Column 7: Enter the letter "R" if regulations in effect during the accounting to delete under FCC rules and regulations of the system of the sys	the substitute 01:15 p.m. the listed progression of the listed progression on the listed properties of the listed propert	program was can to 6:28:30 p.m. s ogram was subst enter the letter "I on October 19, 1 PROGRAM 3. STATION'S	ried by your cable syste hould be stated as "6:1 ituted for programming or if the listed program v 1976.	em. List the 00-6:30 p g that you was substi	e times accurate o.m.'' r system was re tuted for progra WHEN CARRIAG	ly to the neare equired to dele mming that yo SUBSTITUT GE OCCURR. 6. TIME FROM	est five minete under our system	nutes. Exam r FCC rules n was permi 7. REASON FOR											
	a program carried by a system from 6:0 Column 7: Enter the letter "R" if regulations in effect during the accounting to delete under FCC rules and regulations of the system of the sys	the substitute 01:15 p.m. the listed progression of the listed progression on the listed properties of the listed propert	program was can to 6:28:30 p.m. s ogram was subst enter the letter "I on October 19, 1 PROGRAM 3. STATION'S	ried by your cable syste hould be stated as "6:1 ituted for programming or if the listed program v 1976.	em. List the 00-6:30 p g that you was substi	e times accurate o.m.'' r system was re tuted for progra WHEN CARRIAG	ly to the neare equired to dele mming that yo SUBSTITUT GE OCCURR. 6. TIME FROM	est five minete under our system	nutes. Exam r FCC rules n was permi 7. REASON FOR											
	a program carried by a system from 6:0 Column 7: Enter the letter "R" if regulations in effect during the accounting to delete under FCC rules and regulations of the system of the sys	the substitute 01:15 p.m. the listed progression of the listed progression on the listed properties of the listed propert	program was can to 6:28:30 p.m. s ogram was subst enter the letter "I on October 19, 1 PROGRAM 3. STATION'S	ried by your cable syste hould be stated as "6:1 ituted for programming or if the listed program v 1976.	em. List the 00-6:30 p g that you was substi	e times accurate o.m.'' r system was re tuted for progra WHEN CARRIAG	ly to the neare equired to dele mming that yo SUBSTITUT GE OCCURR. 6. TIME FROM	est five minete under our system	nutes. Exam r FCC rules n was permi 7. REASON FOR											
	a program carried by a system from 6:0 Column 7: Enter the letter "R" if regulations in effect during the accounting to delete under FCC rules and regulations of the system of the sys	the substitute 01:15 p.m. the listed progression of the listed progression on the listed properties of the listed propert	program was can to 6:28:30 p.m. s ogram was subst enter the letter "I on October 19, 1 PROGRAM 3. STATION'S	ried by your cable syste hould be stated as "6:1 ituted for programming or if the listed program v 1976.	em. List the 00-6:30 p g that you was substi	e times accurate o.m.'' r system was re tuted for progra WHEN CARRIAG	ly to the neare equired to dele mming that yo SUBSTITUT GE OCCURR. 6. TIME FROM	est five minete under our system	nutes. Exam r FCC rules n was permi 7. REASON FOR											
	a program carried by a system from 6:0 Column 7: Enter the letter "R" if regulations in effect during the accounting to delete under FCC rules and regulations of the system of the sys	the substitute 01:15 p.m. the listed progression of the listed progression on the listed properties of the listed propert	program was can to 6:28:30 p.m. s ogram was subst enter the letter "I on October 19, 1 PROGRAM 3. STATION'S	ried by your cable syste hould be stated as "6:1 ituted for programming or if the listed program v 1976.	em. List the 00-6:30 p g that you was substi	e times accurate o.m.'' r system was re tuted for progra WHEN CARRIAG	ly to the neare equired to dele mming that yo SUBSTITUT GE OCCURR. 6. TIME FROM	est five minete under our system	nutes. Exam r FCC rules n was permi 7. REASON FOR											
	a program carried by a system from 6:0 Column 7: Enter the letter "R" if regulations in effect during the accounting to delete under FCC rules and regulations of the system of the sys	the substitute 01:15 p.m. the listed progression of the listed progression on the listed properties of the listed propert	program was can to 6:28:30 p.m. s ogram was subst enter the letter "I on October 19, 1 PROGRAM 3. STATION'S	ried by your cable syste hould be stated as "6:1 ituted for programming or if the listed program v 1976.	em. List the 00-6:30 p g that you was substi	e times accurate o.m.'' r system was re tuted for progra WHEN CARRIAG	ly to the neare equired to dele mming that yo SUBSTITUT GE OCCURR. 6. TIME FROM	est five minete under our system	nutes. Exam r FCC rules n was permi 7. REASON FOR											

10.1111 0.71 2.77 0.2 0.		
LEGAL NAME OF OWNER OF CABLE SYSTEM: Give the name exactly as it appears in space B, line 1 (page 1). King Videocable Company - Arnold		Name
ROSS RECEIPTS		
INSTRUCTIONS: The figure you give in this space determines the form you file and the amount you pay. Enter the total or receipts") paid to your cable system by subscribers for the system's "secondary transmission service" (as identified in space E) do For a further explanation of how to compute this amount, see page (v) of the General Instructions.	of all of the amounts ("gross uring the accounting period.	K
Gross receipts from subscribers for secondary transmission service(s) during the accounting period	\$ 288,666.25	Gross Receipts
IMPORTANT: You must complete a statement in space P concerning gross receipts.	(Amount of "gross receipts")	
INSTRUCTIONS FOR COMPUTING ROYALTY FEE		
To compute the royalty fee you owe:		
 Complete either block 1, block 2 or block 3 Use block 1 if the amount of "gross receipts" in space K is \$75,800 or less 		•
• Use block 2 if the amount of "gross receipts" in space K is more than \$75,800 but less than \$146,000		Copyright Royalty
• Use block 3 if the amount of "gross receipts" in space K is more than \$146,000 but less than \$292,000 See page (vi) of the General Instructions for more information.	,	Foo
BLOCK 1: "GROSS RECEIPTS" OF \$75,800 OR LESS		
INSTRUCTIONS: As a cable system with "gross receipts" of \$75,800 or less, the royalty fee that you must pay for this six-month	accounting period is \$28.	•
Line 1. Royalty Fee for Accounting Period	\$ 28.00	
	20.00	
Line 2. Interest Charge. Enter the amount from line 4, space Q, page 8	\$	
Line 3. TOTAL ROYALTY FEE PAYABLE FOR ACCOUNTING PERIOD. Add lines 1 and 2.		
	3	
BLOCK 2: "GROSS RECEIPTS" OF \$146,000 OR LESS (but more than \$75	5,800)	
Base amount under statutory formula		
Enter amount of "gross receipts" from space K		
3. Subtract line 2 from line 1		
4. Enter the amount of "gross receipts" from space K		
5. Enter the amount from line 3		•
6. Subtract line 5 from line 4		
7. Multiply line 6 by .005 (enter figure here)	\$	
8. Interest Charge. Enter the amount from line 4, space Q, page 8	\$	
9. TOTAL ROYALTY FEE PAYABLE FOR ACCOUNTING PERIOD. Add lines 7 and 8		
	\$	
BLOCK 3: "GROSS RECEIPTS" OF MORE THAN \$146,000 (but less than \$292)	2,000)	
1. Enter amount of "gross receipts" from space K		
2. Base amount under statutory formula		
3. Subtract line 2 from line 1		
4. Multiply line 3 by .01	5	
Royalty due on the first \$146,000 of gross receipts Inder statutory formula)	3730	
6. Interest Charge. Enter the amount from line 4, space Q. page 8		
7. TOTAL ROYALTY FEE PAYABLE FOR ACCOUNTING PERIOD. Add lines 4, 5, and 6	\$ 2,156.66	
IMPORTANT: When you file your Statement of Account on this form, SA1-2, you must also enclose with it the royalty fee you block 2 or block 3, above. Your remittance must be in the form of a certified check, cashier's check, or money order <i>Copyrights</i> Other forms of remittance, including personal or company checks, will be returned. Do not send cash.	nave computed in block 1, r, payable to: Register of	

Name	LEGAL NAME OF OWNER OF CARLE SYSTEM: Give the page 1						
Nume	LEGAL NAME OF OWNER OF CABLE SYSTEM: Give the name exactly as it appears in space B, line 1 (page 1). King Videocable Company-Arnold						
M	CHANNELS						
Channels	INSTRUCTIONS: You must give: (1) the number of channels on which the cable system carried television broadcast stations to its subscribers; (2) the cable system's total number of activated channels, during the accounting period						
	(2) the cable system's total number of activated channels, during the accounting period. 1. Enter the total number of channels on which the cable						
	system carried television broadcast stations						
	2. Enter the total number of activated						
	channels on which the cable system carried television broadcast stations and nonbroadcast services						
	13						
(M)	INDIVIDUAL TO BE CONTACTED IF FURTHER INFORMATION IS NEEDED: (Identify an individual to whom we can						
ontact	, and the carry						
	Name Benjamin M. Woo						
	Telephone (206) 448-3605						
	(Area Cooe)						
	Address P.O. Box 24525						
	(Number, Street, Rural Route, Apartment or Suite Number)						
	Seattle, WA 98124 (City, Town, State, ZIP Code)						
	Coly, Town, State, 2IP Code)						
	CERTIFICATION: (This Statement of Account much be at it						
9)	CERTIFICATION: (This Statement of Account must be certified and signed in accordance with Copyright Office Regulations, as explained in the						
ication	• I. the undersigned, hereby certify that. (Check one, but only one, of the boxes)						
	(Owner other than corporation or partnership) I am the owner of the cable system as identified in line 1 of space B: or						
	(Agent of owner other than corporation or partnership) I am the duly authorized agent of the owner of the cable system as identified in I of space B, and that owner is not a corporation or partnership; or						
	(Officer or partner) I am an officer (if a corporation) or a partner (if a partnership) of the legal entity identified as owner of the cable system in I of space B						
ar	• I have examined this Statement of Account and hereby declare under penalty of law that all statements of fact contained herein are true, complete, and correct to the best of my knowledge. information, and belief, and are made in good faith. [18 U.S.C. Section 1001/1996)						
ļ"	nd correct to the best of my knowledge. information, and belief, and are made in good faith. [18 U.S.C., Section 1001(1986)]						
	Ab. a · //						
	Handwritten signature: (X) Unstrue W. Huyhes						
	Typed or printed name: Christine W. Hughes						
	Title: Vice President-Finance						
	Title: VICE President-Finance (Title of official position held in corporation or partnership)						
	February 22 tono						
	Date:						

FORM	SA1-2.	PAGE

LEGAL NAME OF OWNER OF CABLE SYSTEM: Give the name exactly as it appears in space B, line 1 (page 1). Name King Videocable Company-Arnold SPECIAL STATEMENT CONCERNING GROSS RECEIPTS EXCLUSION **(** The Satellite Home Viewer Act of 1988 amended Title 17. section 111(d)(1)(A), of the Copyright Act by adding the following sentence: Statement "In determining the total number of subscribers and the gross amounts paid to the cable system for the basic service of providing of secondary transmissions of primary broadcast transmitters, the system shall not include subscribers and amounts collected from Gross subscribers receiving secondary transmissions for private home viewing pursuant to section 119." Receipts For more information on when to exclude these amounts, see page (v) of the General Instructions. During the accounting period did the cable system exclude any amounts of gross receipts for secondary transmissions made by satellite carriers to satellite home "dish" owners? ☐ YES. Enter the total here and list the satellite carrier(s) below. Name Mailing Address ____ Mailing Address _ WORKSHEET FOR COMPUTING INTEREST You must complete this worksheet for those royalty payments submitted as a result of a late payment or underpayment. For an explanation of interest assessment, see page (vi) General Instructions. Assessment Line 2. Multiply line 1 by the interest rate* and enter the sum here x.00274 Line 4. Multiply line 3 by .00274** enter here and in space L (page 6) Block 1, line 2, or *Contact the Licensing Division at 202-707-8150 for the interest rate for the accounting period in which the late payment or underpayment occurred. **This is the decimal equivalent of 1/365, which is the interest assessment for one day late. NOTE: If you are filing this worksheet covering a Statement of Account already submitted to the Copyright Office, please list below the wner. Address, First Community Served, and Accounting Period as given in the original filing. Owner __ Address ___ First Community Served _____ Accounting Period ___

CARLO DATA CORPORATION / HOLLTRIGHT N

NAB 1990 EXHIBIT 42 AGE 419 0 8/01/91

ST MARKET: 101, NEW YORK

TOTAL QUARTER HOURS TOTAL HOUSEHOLD HOURS TOTAL HOUSEHOLD HOURS	TOTALS ALL TYPES 13,473 100.003 107,478,034 100.300	TYPE: 1 LOCAL 3.052 972,508	2 SYN-SERIES 9, 188 72, 289 64, 542, 254 59, 829	DEV-SERIES 276 254 294,16973	2,800 2,800 19.835 36,843,727 33.458	MAJOR 5 SPORTS 1.674 5,726,419 5.308	0THER 13 .097 248,356 .230	272
OHKS AS % OF ALL QHRS HH HOURS AS % OF ALL HH	1.373 2.912	0.044 0.025	9 • +8 ° 1 • 742	0 • 1 28 0 • 60 7	0.286 0.974	0.022 0.154	0.001 0.006	0.00
MAJOR SPORTS TOTAL QUARTER HOURS % MAJOR SPORTS GHRS TOTAL HOUSEHOLD HOURS % MAJOR SPORTS HHRS	BASERALL 74.2 5,7, 0.3 98.977	BASKETBALL 0	FCOTBALL O	HOCKEY O	LOCCER 0	COL. BSKT O	COL. FCOT 13 5.778 58,451 1.021	OTHE